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Lancaster Farming

VOL. 26 No. 40 | Lancaster Farming, Saturday, August 1, 1981 | $7.50 Per Year

### Demonstrated at Holstein field day

# Texas firm develops straw for frozen embryo

BY DONNA TOMMELLEO

LANCASTER — A straw for storing and inseminating frozen embryos has been developed by a Texas firm, Donald Seipt, Pennsylvania National Holstein Director said Thursday.

However, a spokesman for Rio Vista Genetics, San Antonio, Texas said a patent for the straw may take 180 days.

Seipt, a member of a five-man panel that discussed embryo transplants at the Lancaster County Holstein Field Day, demonstrated the nine-inch plastic straw at the John Landis Farm near East Petersburg.

The straw, about the same length as a cane which contains semen goblets, can be easily stored in a semen tank, said Seipt.

One end of the straw is a five-inch handle while the remaining four inches contains a deydrated embryo surrounded by an air sac and fluid.

Seipt explained a certain amount of fluid must be drawn from the embryo before freezing.

"The freezing process will rupture the cell," he said.

After a 90 second thaw in a warm water bath, it is neccessary to shake the straw in the same fashion one would shake a thermometer. This causes the air sac to break and allows for the rehydration of the embryo, said Seipt.

The embryo can then be inseminated with a breeding gun.

Almost 400 persons that attended the Field Day got a look at the genetic innovation, which to date has been researched on beef cattle.

Seipt was joined by Robert Kauffman, Elizabethtown, Galen Crouse, Stevens and Robert Wenger, Quarryville. The dairymen currently use embryo transplants in their breeding programs.

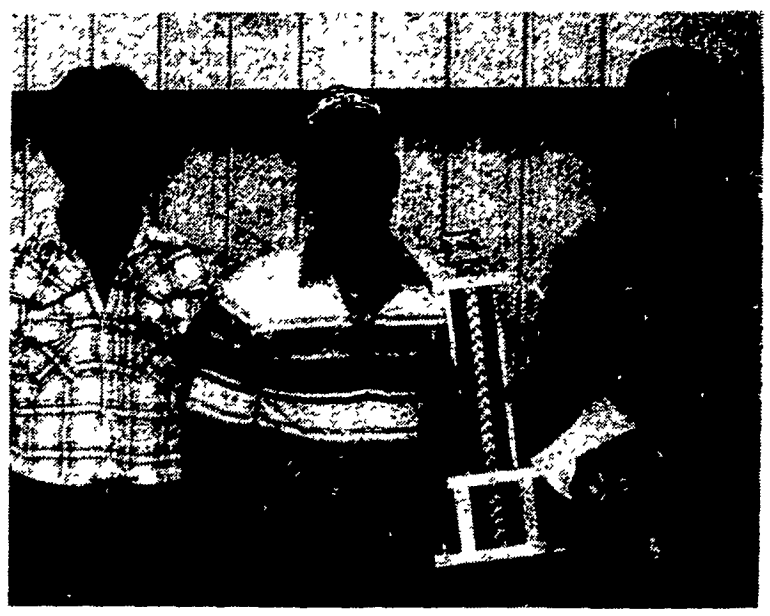
The panel agreed that donor animals should be the best cows in a herd and should drop bulls that can be marketed.

However, Seipt cautioned that donor cows should descend from a superior cow family as well as a proven bull.

In addition to the panel discussion, judging contests were held and the judging participants were divided into three groups, Under 18, Men and Women.

There were a total possible 150

(Turn to Page A22)



Jim Hess, Quarryville, right, displays the first place awards he earned in the Men's Division and Overall Judging contest at the Lancaster County Holstein Field Day at the John Landis on Thursday. Also pictured with Hess are fifth place winner, Leonard Stoltzfus, Gap, left, and third place winner, Don Eckman, Peach Bottom, center.

**Dairy producers, here's what you've been waiting for — the 1981 USDA-DHIA Sire Summary. This complete comparison of the A.I. bulls in all breeds is a modern tool for working genetically towards a higher producing herd of dairy cattle. An added feature to this year's Summary is the milk component figures, listing solids-not-fat and protein for bulls with 40 percent repeatability or greater. It's all here for you on seventeen fact-filled pages of Lancaster Farming, starting on page D11.**

# Pa. farmers gear up for Ag Progress Days

ROCK SPRINGS — The Pennsylvania farm community is once again gearing up for the annual Ag Progress Days, scheduled for August 25-27. For the sixth straight year, Penn State's Agricultural Research Center crews are preparing the grounds to welcome the thousands of people who crowd in to see the latest in farming — from crops to equipment.

"This year's show should be the biggest and best ever," says Joseph Harrington, Penn State agronomist and general chairmand of the event.

Educational displays and commercial exhibits from Canada and the eastern United States are growing in quality and numbers, providing a strong regional reputation for the event, the general chairman adds.

Approximately 250 commercial companies will be exhibiting their products for home, farming, and country living. These include buildings, farm machinery, silos, feeds, crop seeds, and farm and home supplies.

"A theatre program will feature a variety of home and garden related presentations each of the three days," Harrington points out. "Included will be new ways to preserve home-grown produce, arts and crafts, selecting equipment for the home, and recreation."

Featured exhibits include energy and resource efficient animal and crop production. Back again will be special exhibits and working demonstrations in the areas of on-farm waste disposal, soil and water conservation, and safety.

"Youth activities will feature chick hatching, puppet shows, dog obedience and training, and numerous prize-winning demonstrations by 4-H and FFA membes," the field days chairman notes.

Ag Progress Days activities will start at 9 a.m. and end at 5 p.m. on August 25 and 27. Hours will be 9 a.m. to 7 p.m. on August 26.

(Turn to Page A34)

## HOME AND YOUTH

Homestead Notes, C2; Home on the Range, C6; Farm Women Societies, C9; Kid's Korner, C12; 4-H, C13; FFA, C15; FWS calendar, C19.

## COLUMNS

Editorials, A10; Now is the time, A10; Joyce Bupp's column, C5; Ladies hve you heard? C16; Ida's Notebook, C17; Farm Talk D3.

## DAIRY

Berks Holstein Club picnic, A24; Adams DHIA, C40; Bedford DHIA, C29; Cumberland, C39; Juniata DHIA, C28; Mifflin DHIA, C37; Perry DHIA, C42; Somerset DHIA, C31; York DHIA, C32; Dairy Photo Album, C26; Susquehanna Dairy Princess, C17; ASDA honors members, D5.

### At Lancaster Show

# Herr shows hog champ

BY DICK ANGLESTEIN

LANCASTER — Thursday's 19th annual Lancaster County FFA Market Hog Show may possibly become the basis for a script for the popular TV show, "Dynasty."

Because, that's just about what shaped up in the competition held at the Lancaster Stockyards.

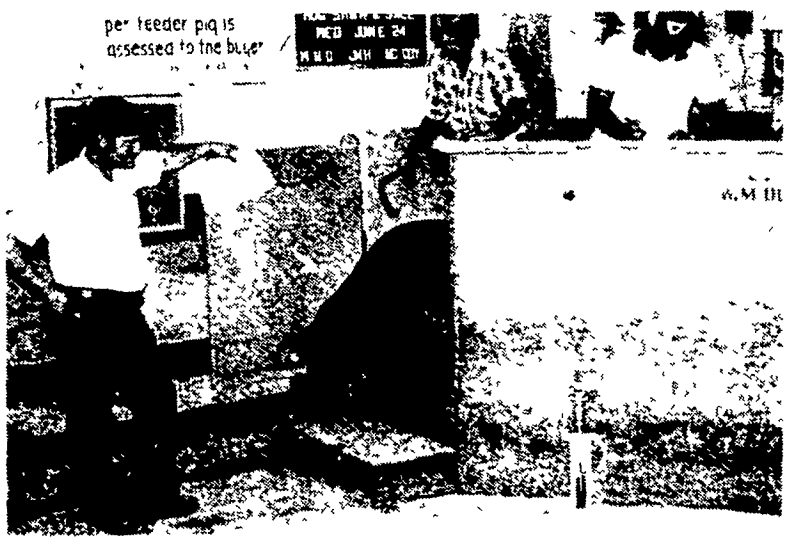
After all the squeals, grunts and applause quieted down and Judge Henry Gruber, of A and B Packing, made his last round of the show ring and surveyed the last of 153 head, not one but two family dynasties were dominant among the top award winners.

One was the Herr dynasty, of Narvon, with 18-year-old Chris repeating with the grand champion of the show for the second straight year and younger sister, Margaret, 14, stepping from the wings onto the stage. Margaret won the junior fitting. Chris was runnerup in the senior fitting and also showed the reserve champ in the middleweight division.

And the other FFA hog dynasty emerging is that of the Ptautz family, of Stevens. Brothers, Mike, 16, and Tim, 14, captured no less than seven major awards.

Mike had the reserve championships in carcass on-foot, breeder exhibitor and heavyweight division, plus the junior showman championship.

(Turn to Page A30)




If you gotta go to market, how do you make the most of it? If you're the grand champion of the Lancaster County FFA Market Hog Show, you jump up into the auctioneer's booth and help the bidding along. It works, too. Price went to $4.45 a pound. Here, owner Chris Herr, of Narvon, shoos Duroc out of booth at Lancaster Stockyards.

**Inside This Week's...**

Elevation daughter brings $15,000 at Sire Power Sale...A20.

For a farmer, the learning never ends, and neither does Penn State's research ..A26

Seventy-six Lancaster County 4-H horse and pony club members turned out for their annual county competition last week. C18.

Young dairy couple wins Las Vegas trip. Find out how on page .D8.

# Livestock market and auction news

## Lancaster Market

**Monday, July 27**
**Report supplied by USDA**

| | Cattle | Calves | Hogs | Sheep |
|---|---|---|---|---|
| Today | 1342 | 86 | 1151 | 148 |
| Last Mon. | 1353 | 67 | 1033 | 165 |
| Last Year | 1410 | 132 | 1091 | 119 |
| Monday's Auction | 1312 | 86 | 1132 | 136 |
| Last Monday's Auction | 1288 | 76 | 1045 | 137 |

CATTLE: Compared to last Wednesday slaughter steers uneven, average Choice and Prime weak to .50 lower, Good to low Choice .50-1.00 lower; slaughter heifers steady to .50 lower; cows generally steady; bullocks fully steady; bulls .50 to mostly 1.00 higher.

SLAUGHTER STEERS: High Choice and Prime 3-4 1125-1435 lb. 67.50-70.00, couple lots 66.50-67.50; Choice 2 1050-1350 lb. 67.25-69.25, couple 72.00-72.75; Choice 2-4 1000-1425 lb. 63.00-66.00, few 66.00-66.60; high Good and low Choice 2-3 975-1250 lb. 60.00-63.50 Good 2-3 58.50-62.00; few Good and Choice 1250-1450 lb. Holsteins 55.25-58.00; Standard and Good 1150-1375 lb. 51 50-54.75.

SLAUGHTER HEIFERS: Choice 2-3 850-1125 lb. 60.00-63.00, few head 63.10-63.50; Good 2-3 800-1050 lb. 52.75-60.50.

COWS: Utility and Commercial 1-3 44.00-46.00, few 46.00-47.50; Cutter 1-2 40.00-44.50; Canner and low Cutter 37.50-41.00.

BULLOCKS: Choice 975-1250 lb. 58.00-61.25, couple 62.25-63 50; Good 95-1200 lb. 52.00-57.00.

BULLS: Yield grade 1 1300-1800 lb. 55.25-58.75, few 59.85-60.10, couple 62.00-66.00, couple 1955-2010 lb. 54.35; yield grade 2 1000-1400 lb. 50.50-55.25.

VEAL CALVES: Vealers mostly steady. Demand fair for calves to return to farm.

VEALERS: Three head Prime 308 lb. 135.00; Choice 160-280 lb. 105.00-120.00; high Good and low Choice 180-250 lb 80.00-95 00, 85-115 lb. 55.00-65.00 few 65.00-70.00. few 60-85 lb. 40.00-50.00

RETURNED TO FARM: Few 85-115 lb. Holstein bulls 80.00-100.00.

SHEEP: Compared to last Monday spring lambs steady to 2.00 higher; slaughter ewes steady.

SPRING LAMBS: Choice 85-100 lb. 58.00-64.50, one lot 70.00; Good 60-85 lb. 52.00-58.00, few 42.00-48.00.

SLAUGHTER EWES: Utility and Good 14.00-26.00.

## Vintage Market

**Tuesday, July 26, 1981**
**Report supplied by USDA**

| | Cattle | Calves | Sheep |
|---|---|---|---|
| Today | 1447 | 868 | 26 |
| Last Tues. | 1380 | 848 | 57 |
| Last Year | 1153 | 815 | 40 |

CATTLE: Compared to last Tuesday slaughter steers 1.50 to mostly 2.00 lower; slaughter heifers not fully tested; cows .50-1.00 lower, instances 1.50 lower; bullocks steady on small supply; bulls steady to weak. Supply included 73 per cent slaughter steers and 22 per cent cows.

SLAUGHTER STEERS: High Choice and Prime 3-4 1100-1425 lb. 67.00-70.00, about 40 head 70.25-71.10; Good and Choice 1-2 1100-1425 lb. 67.25-69.75; Choice 2-4 1000-1350 lb. 63.25-66.50, few 66.50-67.00; high Good and low Choice 2-3 60.75-64.75; Good 2-3 59.00-62.25; Good and Choice 1150-1350 lb. Holsteins 54.75-57.60; Standard and Good 950-1250 lb. 51.75-55 75.

SLAUGHTER HEIFERS: Few Choice 2-3 875-1050 lb. 60.00-61.00.

COWS· Utility and commercial 1-3 43.50-45.75, few 46.50-48.00; Commercial 2-3 41.00-42.75; Cutter 1-2 41.00-44.00, few 44.00-45.00; Canner and low Cutter 38.00-41.00.

BULLOCKS: Few Choice 975-1225 lb. 55.00-56.50; couple Good 950-1150 lb. 52.00-54.50.

BULLS: Yield grade 1 1250-1700 lb. 54.00-56.50, couple 56.50-58.00, yield grade 2 1100-1450 lb. 50.75-54.00, 850-1100 lb. 47.00-50.50.

VEAL CALVES: Vealers steady, instances 5.00 lower. Supply included 589 in graded sale of which 63 per cent sold to return to farm.

VEALERS: Couple Prime 265-330 lb. 98.00-99.00; few Choice 170-320 lb. 85.00-100.00; high Good and low Choice 160-275 lb. 58.00-76.00, 80-125 lb. 45.00-57.00; Good 90-115 lb. 40.00-48.00, 55-85 lb. 29.00-40.00.

RETURNED TO FARM: 30 head 100-115 lb. Holstein heifers 122.00-124.00, 45 head 80-100 lb. 56.00-70.00; 165 head 100-115 lb. Holstein bulls 88.00-92.00, one lot 122 lb. 79.00, 65 head 90-95 lb. 85.00-86.00, 60 head small frame 100-120 lb. 55.00-66.00.

SHEEP: Trend not fully tested; few sales spring lambs and slaughter ewes about steady.

SPRING LAMBS: Few Choice 55-95 lb. 61.00-64.00; few Good 50-100 lbs. 51.00-59.00.

SLAUGHTER EWES: Utility and Good 15.00-21.00.

## Lancaster Market

**Wednesday, July 29**
**Report supplied by USDA**

| | Cattle | Calves | Hogs | Sheep |
|---|---|---|---|---|
| Today | 315 | 48 | 1058 | 0 |
| Last Wedn. | 680 | 71 | 826 | 5 |
| Last Year | 935 | 15 | 722 | 1 |
| Wednesday Auction | 292 | 48 | 1062 | 0 |
| Last Wednesday's Auction | 617 | 69 | 953 | 5 |

CATTLE: Compared to Monday small supply slaughter steers generally steady; cows .50-1.00 lower; bullocks steady - .50 lower; bulls mostly steady. Supply included 63% slaughter steers, 17% bulls, and 16% cows.

SLAUGHER STEERS: Couple Prime 3 1100 lb. 67.00-67.35; Choice 2 1050-1200 lb. 65.75-66.75; Choice 2-4 1000-1325 lb. 63.75-66.35; high Good and low Choice 2-3 61.50-64.50; Good 2-3 58.00-60.00; Standard 1-2 975-1300 lb. 49.50-53.25.

SLAUGHTER HEIFERS: Couple Choice 2-3 860-1025 lb. 59.75-63.00.

COWS: Utility 1-3 43.25-45.50, couple 45.50-47.00; Commercial 3-4 39.75-43.25; Cutter 1-2 39.75-44.00, couple 44.00-45.00; Canner and low Cutter 34.00-37.50.

BULLOCKS: Few Choice 950-1150 lb. 56.00-59.00; Good 900-1100 lb. 51.75-54.85.

BULLS: Yield grade 1 1250-1800 lb. 55.50-58.25; yield grade 2 900-1300 lb. 49.00-55.00.

VEAL CALVES: Vealers generally steady. Demand fair for calves returned to farm.

VEALERS: Couple high Good and low Choice 190-240 lb. 90.00, 80-115 lb. 55.00-65.00, 60-85 lb. 40.00-50.00.

RETURNED TO FARM: Bulk 85-115 lb. Holstein bulls 90.00-100.00; few Holstein heifers 100.00-115.00.

SHEEP: None.

## New Holland Livestock

**Thursday, July 30**
**Report supplied by USDA**

CATTLE: 991 Compared to last Thursday slaughter steers mostly 1.00 lower, few sales high Choice and Prime mostly steady; slaughter heifers steady on small supply; cows weak to 1.00 lower, instances 2.00 lower; bullocks not fully tested; bulls 1.00-2.00 lower. Supply included 55 per cent slaughter steers, 27 per cent cows and 9 per cent bulls.

SLAUGHTER STEERS· High Choice and Prime 3-4 1150-1300 lb. 67.50-70.00, few 1300-1400 lb 69.75-71.85; Good and Choice 1-2 1075-1325 lb. 68.50-70.50; Choice 2-4 1075-1275 lb. 63.50-66.50, few 3-4 1275-1400 lb. 67.00-68.50; Choice 2-3 975-1075 lb. 62.75-66.25; high Good and low Choice 2-3 60.50-63.75; Good 2-3 58.00-60.50; Good and Choice 1150-1350 lb. Holsteins 55.50-58 25; Standard 1-2 51.50-55.50.

SLAUGHTER HEIFERS· Few head Choice 2-3 875-1050 lbs. 58.00-60.50; Good 2-3 850-1025 lb. 52.50-57.00.

COWS· Utility and Commercial 1-3 43.00-45.25, few 45.50-48 75; Cutter 1-2 39.50-44.50, few 44.50-45.50; Canner and low Cutter 35.00-40.50.

BULLOCKS: Few head Choice 1025-1250 lb. 55.00-57.00; couple Good 50.50-54.00.

BULLS: Yield grade 1 1300-1800 lb. 53.00-56.00, few 56.00-58.85; yield grade 2 1050-1350 lb 49.50-53 00, 850-1050 lb. 45.00-49.00.

VEAL CALVES: 574. Vealers steady to 5.00 lower. Demand only fair for calves to return to farm.

VEALERS: Choice 180-320 lb. 90.00-102.00, couple Choice and Prime 280-325 lb. 102.00-111.00; high Good and low Choice 140-290 lb. 65.00-90.00, 80-125 lb. 45.00-60.00, 50-80 lb. 34.00-50.00.

SLAUGHTER CALVES: Choice 280-400 lb. 55.00-65.00; good 250-350 lb. 48.00-56.00.

RETURNED TO FARM: Bulk 85-120 lb. Holstein Heifers 68.00-80.00, several 82.00-92.00; Bulk 85-115 lb. Holstein Bulls 62.00-80.00, few 80.00-90.00.

SHEEP: 39. Slaughter lambs and slaughter ewes not fully tested.

SPRING LAMBS: Few Good 40-70 lb. 35.00-47.00.

SLAUGHTER EWES: Few Utility and good 15.00-25.00.

GOATS: 12. All goats sold by the head mainly 20.00-29.00.

## Lancaster Weekly

**Friday July 31**

| | Cattle: | Calves |
|---|---|---|
| THIS WEEK | 4500 | 1585 |
| LAST WEEK | 5353 | 1623 |
| LAST YEAR | 5620 | 1476 |

CATTLE: Slaughter steers generally 1.00 lower, although few sales high Choice and Prime near steady; slaughter heifers steady to 50 lower; cows weaks to 1.00 lower, instances 2.00 lower; bullocks steady; bulls closed the week 1.00-2.00 lower. Supply included 61% slaughter steers, 16% cows 8% bulls, 4% heifers with the balance mainly feeder steers held for Friday's auction.

SLAUGHTER STEERS: High Choice and Prime 3-4 1150-1300 lb. 67.00-70.00, few 1300-1400 lb. 69.75-71.85; Good and Choice 1-2 1075-1325 lb. 68.00-70.50, few head 71.00-72.75; Choice 2-4 1075-1275 lb. 63.50-66.50, few 3-4 1275-1300 lb. 67.00-68.50; Choice 2-3 975-1075 lb. 62.75-66.25; high Good and low Choice 2-3 60.00-63.75; Good 2-3 58.00-61.00; Good and Choice 1100-1450 lb. Holsteins 54.75-58.25; Standard and Good 1-2 950-1250 lb. 49.50-55.50.

SLAUGHTER HEIFERS: Choice 2-3 850-950 lb. 58.00-63.00, few head 63.00-63.50; Good 2-3 800-1050 lb. 52.50-57.00.

COWS: Utility and Commercial 1-3 43.00-45.50, few 45.50-48.75; Cut-

(Turn to Page A9)


SPECIAL GRADED
FEEDER CATTLE SALE
FRIDAY, AUGUST 7, 1981
11:00 A.M.
400 HEAD
All Breeds - All Weights
Prime - Choice - Good Grade
Sold in lots of 10 or more
Graded by Jim Anderson - USDA

LANCASTER STOCKYARDS
WEEKLY SALES

SLAUGHTER SALES — MON. & WED. 10:00 A.M.
VEALERS, LAMBS, HOGS — MON. & WED. 11:00 A.M.
HOG AUCTION — SATURDAY 9:30 A.M.
STOCKER & FEEDER — FRIDAY 11:00 A.M.

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Sale Every Tuesday & Friday
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Get calves in early. We start to grade and weigh at 2:30.

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AUCTIONS make the difference in auctions!
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MONDAY'S AUCTION
8 00 A M - Fat Hogs
10 00 A M - Horse Sale
11 00 A M - Hay, Straw & Ear Corn
1 30 P M - Fat Steers, Bulls, Cows & Veal

WEDNESDAY'S AUCTION
12 00 Noon - Dairy Sale
1.30 P M - Feeder Pig Sale

THURSDAY'S AUCTION
11 00 A M - Beef Sale
Order of Sale, Bulls, Fat Steers Cows, Veal
3 30 P M Calf Sale

NEW HOLLAND
SALES STABLES INC.
New Holland, PA
Abram W Diffenbach, Manager
Phone 717-354 4341

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PHONE:
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Sale every Tuesday at 1:30 P.M. starting with feeder cattle and pigs.
Also Hay Sale every Tuesday at 12:30.

# Hog Markets

## New Holland Feeder Pigs

**Wednesday, July 29**
**Report supplied by USDA**

FEEDER PIGS-1114. Compared to last Wednesday feeder pigs firm to 5.00 higher, instances 10.00 higher. All pigs weighed on arrival and sold by the hundred weight.

US 1-2: 15 head 26 lb. 116.00; 210 head 25-39 lb. 89.00-105.00; 120 head 40-42 lb. 100.00-101.00; 154 head 40-49 lbs. 87.00-98.00; 87 head 50-59 lb. 82.00-89.00; 27 head 64-73 lb. 67.00-78.00.

US 2-3 41 head 35 lb. 96.00; 120 head 24-39 lb. 73.00-87.00; 53 head 46-50 lb. 78.00-86.00.

Utility 220 head 20-55 lb. 51.00-78.00.

## Indianapolis Hogs

**Thursday, July 30**
**Report supplied by USDA**

HOGS: 1100 - Barrows & gilts moderate, early sales 25-50 higher. US 1-2 220-250 lbs. 51.50-51.75.

SOWS: Moderate, steady-1.00 higher.(12%). US 1-3 few 350-375 lb. 42.00-42.50; 375-475 lb. 43.00-45.00; Over 475 lbs. 45.00-46.00

BOARS: Few under 250 lbs. 42.00; over 350 lb. 37.00-37.50.

## St. Louis Hogs

**Thursday, July 30**
**Report supplied by USDA**

HOGS 4500 - Barrows & gilts fairly active, 50-75 higher. US 1-2 225-250 lbs. 51.00-51.50, 200-225 lbs. 49.50-51.00; US 1-3 220-260 lbs. 50.00-51.00.

SOWS: 50-1.50 lower. (About 10%). US 1-3 300-500 lbs. 40.50-41.00; Over 500 lb. 42.00-44.00

BOARS: Over 250 lbs. 36.50; 200-250 lbs. 41.00-42.00.

## New Holland Hogs

**Monday, July 27**
**Report supplied by USDA**

| | |
|---|---|
| Today | 1018 |
| Last Monday | 1141 |
| Last Year | 1400 |

TREND: Compared to last Monday barrows and gilts 75-1.00 lower.

BARROWS AND GILTS: US 1 200-240 lbs. 51.75-52.50; US 1 205-245 lbs. 53.50-54.00; US 1-3 210-260 lbs. 51.25-51.75.

## Lancaster Feeder Pigs

**Tuesday, July 28**
**Report supplied by USDA**

| | |
|---|---|
| Today | 1056 |
| Last Tuesday | 445 |
| Last Year | 739 |

TREND: Compared to last Tuesday feeder pigs steady to 5.00 higher, instances 10.00 higher. All pigs weighed on arrival and sold by the hundred weight.

US 1-2: 74 head 20-31 lbs. 105.00-116.00; 160 head 31-39 lbs. 89.00-104.00; 431 head 40-49 lbs. 88.00-101.00; 163 head 50-59 lbs. 83.50-91.00; 25 head 60-67 lbs. 75.00-84.00.

US 2: 26 head 35-39 lbs. 90.00-94.00; 69 head 40-49 lbs. 80.00-95.00; 15 head 50-51 lbs. 82.00-86.00.

## Peoria Hogs

**Thursday, July 30**
**Report supplied by USDA**

HOGS: 3000 Barrows & gilts moderate, 50-75 higher. US 1-2 210-240 lbs. 50.00-51.00, about 250 head 51.25-51.50; US 1-3 210-240 lbs. 50.00-50.50.

SOWS: Under 500 lb. 50-1.50 higher, over 500 lb. 50-1.00 lower (15%). US 1-3 350-425 lbs. 42.00; 425-500 lbs. 42.50-43.00; 500-650 lbs. 43.00-43.50.

BOARS: Over 350 lbs. 36.50-37.00; under 350 lb. 39.00-44.00.

## Lancaster Hogs

**Lancaster Stockyards**
**Saturday, July 25**
**Report supplied by USDA & Auction**

1025 hogs.

U.S. #1 210-235 lbs. 53.50-56.00, few 57.00-58.75; U.S. 1 & 2 210-240 lbs. 51.75-52.85; U.S. 2 & 3 200-250 lbs. 51.10-51.60; Heavyweights 251-285, 47.25-51.10; Sows 350 lbs. and up 43.50-46.50; Boars 200 lbs. and up, 38.00-39.50.

**Monday, July 27**

HOGS: Barrows and gilts steady, instances 25 lower.

BARROWS AND GILTS: US 1-2 210-245 lbs. 52.50-53.50; US 1 205-245 lbs. 53.85-54.50, few selected 55.10-56.00; US 1-3 210-265 lbs. 51.75-52.50.

**Tuesday, July 28**

| | |
|---|---|
| Today | 355 |
| Last Tuesday | 369 |

TREND: Compared to Monday barrows and gilts steady, instances 25 lower.

BARROWS AND GILTS: US 1-2 200-235 lb. 52.75-53.35, 20 head 190-195 lb. 51.85-52.10. Few Selected US 1 205-220 lb. 54.00-54.25; US 1-3 205-230 lb. 51.50-52.50; US 2-3 Couple lots 255-260 lb. 49.35-50.25, Couple lots 280-290 lb. 45.00-46.10.

**Wednesday, July 30**

HOGS: Compared to Tuesday barrows and gilts mostly 50 higher.

BARROWS AND GILTS: US 1-2 205-245 lbs. 53.25-54.00; US 1 205-245 lbs. 54.50-55.00, few selected 55.00-55.75; US 1-3 210-260 lb. 52.00-53.00; US 2-3 220-245 lbs. 50.00-51.50.

## Special Feeder Pig Sale

**Courtland, Va.**
**Friday, July 24**
**Report supplied by VDA**

There were 1,159 head sold. All pigs were graded by Representatives of the VDACS's Division of Markets, Livestock Section on USDA standards and sold by the hundredweight.

US 1-2's - 30-39 lbs. $74.50; 40-49 lbs. $74.75; 50-59 lbs. $65.25; 60-69 lbs. $69.50; 70-84 lbs. $59.50; 85-99 lbs. $59.00; 100-130 lbs. $62.00.

US 3's - 30-39 lbs. $72.25; 40-49 lbs. $63.00; 50-59 lbs. $67.00; 60-69 lbs. $65.00; 70-84 lbs. $57.50; 100-130 lbs. $62.00.

Utility & 4's - 30-39 lbs. $60.00; 40-49 lbs. $60.00.

# U.S. Inspected Livestock Slaughter

**Estimated Daily Livestock Slaughter — Thursday, July 30**
**Report supplied by USDA Estimated Daily Livestock Slaughter Under Federal Inspection**

| | CATTLE | CALVES | HOGS | SHEEP |
|---|---|---|---|---|
| This Week | 480,000 | 35,000 | 1,201,000 | 85,000 |
| Last Week | 491,000 | 35,000 | 1,172,000 | 83,000 |
| Last Year | 463,000 | 32,000 | 1,260,000 | 75,000 |

Market courtesy of USDA.

# Chicago Grain Futures

**(Closing Bids as of Thursday July 30)**

| | Corn | Wheat | Soybeans | Soybean Meal |
|---|---|---|---|---|
| Aug. | – | – | 7.25½ | – |
| Sept. | 3.40½ | 4.06½ | – | 207.30 |
| Oct. | – | – | – | 209.50 |
| Nov. | – | – | 7.48¼ | – |
| Dec. | 3.48¾ | 4.36¼ | | |
| Jan. | - | – | 7.66¾ | |
| Mar. | 3.63¼ | 4,01½ | | – |

Trend - Corn is lower, Wheat is lower Soybeans are lower, Soybean Meal is lower.

**Market Provided by Commodity Department Dean Witter Reynolds, Inc.**

## St. Louis Feeder Cattle

FEEDERS: (Including around 600 at the regular Thursday Auction.) Light Supply feeder steers and heifers firm to 2.00 higher, mostly 1.00-2.00 higher, instances 3.00 higher on steers weighing over 850 lbs. supply mainly medium frame 1 and mixed 1-2 450-925 lb. steers and 400-700 lb. heifers.

**FEEDER STEERS:**

MEDIUM FRAME: 1; scattered lots 450-500 lbs. 64.75-68.25; few lots 575-600 lbs. 63.75-68.25; 600-700 lbs. 60.00-65.00; 700-800 lbs. 60.00-62.25; 800-925 lbs. including some moderately fleshy 58.25-62.25.

MEDIUM FRAME: 1-2; 400-500 lbs. 61.00-64.00.

HOLSTEINS: Lot large frame 1-2 360 lbs. 61.00; large frame 2 350-650 lbs. 52.75-56.50; 700-725 lbs. 48.75-49.50; lot 1060 lbs. 46.50.

**FEEDER HEIFERS:**

MEDIUM FRAME 1: 300-500 lbs. 55.00-58.00; 500-600 lbs. 54.00-58.00; 600-700 lbs. 54.50-56.00.

MEDIUM FRAME 1-2: Few lots 475-600 lbs. 51.75-55.75.

# Futures Trading

**(Closing Bids as of Thursday July 30)**

| | Chicago Cattle | Chicago Hogs | New York Maine Potatoes |
|---|---|---|---|
| Aug. | 66.12 | 48.82 | |
| Oct. | 64.47 | 47.92 | |
| Nov. | | | 7.47 |
| Dec. | 65.15 | 50.95 | |

Trend - Cattle are higher, Hogs are lower. Potatoes are higher.

**Market Provided by Commodity Department Dean Witter Reynolds, Inc.**

## Caroline Feeder Pig Sale

**Denton, MD.**
**Monday, July 27**

980 pigs.

Trend - Compared to the last sale (7-13-81), 6.00 to 13.00 higher on all weights.

Grade 1-2; 190 head 40-49 lbs. $66.00 to $85.00; Grade 1-2; 465 head 50-59 lbs. 70.00 to 85.00; Grade 1-2; 309 head 60-75 lbs. 60.00 to 75.00.


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# Poultry Markets

## Weekly New York Egg Market

From Friday, July 24 to July 31

| | | Fri. | Mon. | Tues. | Wed. | Thurs. |
|---|---|---|---|---|---|---|
| **WHITE** | | | | | | |
| Jumbo | | 81 | 81 | 81 | 81 | 81 |
| Ex Large | | 76 | 76 | 76 | 76 | 76 |
| Large | | 71 | 71 | 71 | 71 | 71 |
| Mediums | | 61 | 61 | 61 | 61 | 61 |
| Pullets | | 47 | 47 | 47 | 47 | 47 |
| **BROWN** | | | | | | |
| Jumbo | | 104 | 104 | 104 | 104 | 104 |
| Ex Large | | 95 | 95 | 95 | 95 | 95 |
| Large | | 85 | 85 | 85 | 85 | 85 |
| Mediums | Unquoted | | | | | |
| Pullets | Unquoted | | | | | |
| Peewees | Unquoted | | | | | |
| **Off Grade** | | | | | | |
| Large | | 60 | 60 | 60 | 60 | 60 |
| Checks | | 36 | 36 | 35 | 35 | 35 |

Tone: Large barely steady. Balance medium easy.
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## Nest Run Eggs

Prices are from Egg Clearinghouse, Inc., (ECI) Durham, N.H. and reflect trading prices for gradable nest run eggs (GNR) on ECI, a nationwide trading center for producers, packers and marketers. GNR eggs are classified by weight in 30-dozen cases, and traded in lots of either 300 or 750 cases. Prices are FOB buyers dock, and are computed Tuesday and Thursday of each week. This week's prices for each classification were:

| Classification | Net Weight Per Case | July 28 Tuesday | July 30 Thursday |
|---|---|---|---|
| Class 1 - Large | 48 lbs. | 50 | 50 |
| Class 2 - Large | 45 lbs. | 48 | 48 |
| Class 3 - Medium | 42 lbs. | 45 | 43 |
| Class 4 - Small | 39 lbs. | 35 | 35 |
| Breaking Stock | 48 lbs. | 44 | 42 |
| Checks | 48 lbs. | 39 | 37 |

## Heinsey's Poultry Market

Root's, East Petersburg
Tuesday, July 28
Report supplied by auction

MUSCOVY DUCKS, DRAKES: range 1.20-1.32.

MUSCOVY DUCKS, HENS range 1.12-1.28.

PEKING DUCKS. 4-5 lbs. range .70-.76.

PULLETS. 6-9 lbs. range .36-.42.

RED FOWL: 4-5 lbs. range .20-.24.

RED FOWL. 5-6 lbs. range 20-.28.

CROSSBRED FOWL: 5-7 lbs. range .20-.32.

CROSSBRED ROOSTERS: 4-6 lbs. range .30-.48.

CROSSBRED ROOSTERS: 7-10 lbs. range .30-.46.

GUINEAS: range 1.90-2.00.

GEESE: 8-14 lbs. range .34-.58/lb.

PIGEONS: range .50-.90 each.

WHITE PIGEONS. range 1.75-2.50 each.

RABBITS: 4-6 lbs. range .20-.38/lb..

RABBITS. 7-10 lbs. range .20-.36/lb.

BANTAM ROOSTERS: range 1.75-3.10 each.

BANTAM HENS: range .75-1.25 each.

GOATS. range $22.50-55.00

KID GOATS: range 21.00-35.00

GUINEA PIGS: range .50-2.50 each.

TOTAL COOPS SOLD. 718.

## N. E. Weekly Shell Egg Report

Tuesday, July 28
Report supplied by USDA

Prices paid per dozen Grade "A" Brown eggs in cartons delivered to retail stores:

| | Ex. Large | Large | Medium | Small |
|---|---|---|---|---|
| MASS.X | 94-97 | 92-96 | 73-79 | 46-52 |
| Mostly | 95-96 | 94-95 | 75-77 | 48-50 |
| N. HAMP. | 89-95 | 87-93 | 69-74 | 41-47 |
| Mostly | 91-94 | 89-92 | 70-73 | 43-46 |
| R.I. | 98-99 | 96-97 | 77-78 | 50-51 |
| VERMONT | 96-102 | 94-100 | 75-84 | – |
| Mostly | 98-102 | 96-99 | 77-78 | – |
| MAINE | 94-96 | 92-94 | 73-75 | 46-48 |

X Includes Central and Western Sections only.

## Delmarva Poultry

Wednesday, July 29
Report supplied by USDA

R.T.C. Movement improved; steady in most quarters as buyers secure weekend needs. Slaughter schedules fairly heavy in most quarters. Today'a L.T.L. asking prices mostly unchanged at 55-57 on U.S. Grade A, however, occasional discount reported to move current stocks. Advance interest continues slow in developing beyond usual commitment. Live supplies fully adequate at mostly desirable weights. Undertone about steady.

Estimated slaughter of broiler tryers in Delmarva (000)

## Eastern Pa. & N.J. Poultry

Wednesday, July 29
Report supplied by USDA

Prices light type hens unchanged to slightly higher. Farm offerings adequate for a fair but generally unaggressive processor call. offerings of heavy type adequate for a moderate interest.

Prices Paid at Farm:
Light Type Hens: 5½-6, mostly 6.
F.O.B. Plant. 8.
Heavy Type Hens. TFEWR.

## Lancaster Feeder Cattle

Friday, July 24
Report supplied by USDA

| | |
|---|---|
| Today | 675 |
| Last Friday | 461 |
| Last Year | 285 |

TREND: Insufficient volume sold last week for a comparison. Good volume met fair demand. Feeder heifers and bulls not well established. 367 head in graded sale.

FEEDER STEERS: Medium Frame 1: Lot 510 lb. 63.00; 630-825 lb. 51.25-55.85; 845-1020 lbs. 57.25-61.25, lot 1020 lb. 62.75. Small and Medium Frame 1: Several lots 775-955 lb. 58.35-61.75. Large Frame 1. 645-820 lb 49.25-55.00; lot 850 lb. 62.25. Large and Medium 1. Couple lots 480 lb. 64.00-64.50. Medium Frame Mixed 1-2: 485-530 lb. 48.00-48.50; 595-845 lb. 49.25-52.50; couple lots 960 lb. 56.00-61.60. Large Frame 2 (including Holsteins): 550-675 lb. 49.00-51.00.

## Baltimore Eggs

Wednesday, July 29
Report supplied by USDA

Market steady. Demand very slow. Supplies adequate to ample.

Cartoned Eggs: Prices to retailers, state graded (min one case sale) white.

| | |
|---|---|
| Grade A Large | 74-76 |
| Medium | 64-66 |

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Robert G. Campbell, Publisher
Sheila M. Miller, Editor
Dick Anglestein, Staff Writer
Debra L. Koontz, Home Editor
Donna M. Tommelleo, Staff Writer

CORRESPONDENTS
M.H. Gitt, Adams County
Biglerville, 717-677-9440

Laurel Shaeffer, Berks County
Bernville

Jane Bresee, Bradford County
Ulster 717-358-3346

Sally B. Bair, Lancaster County
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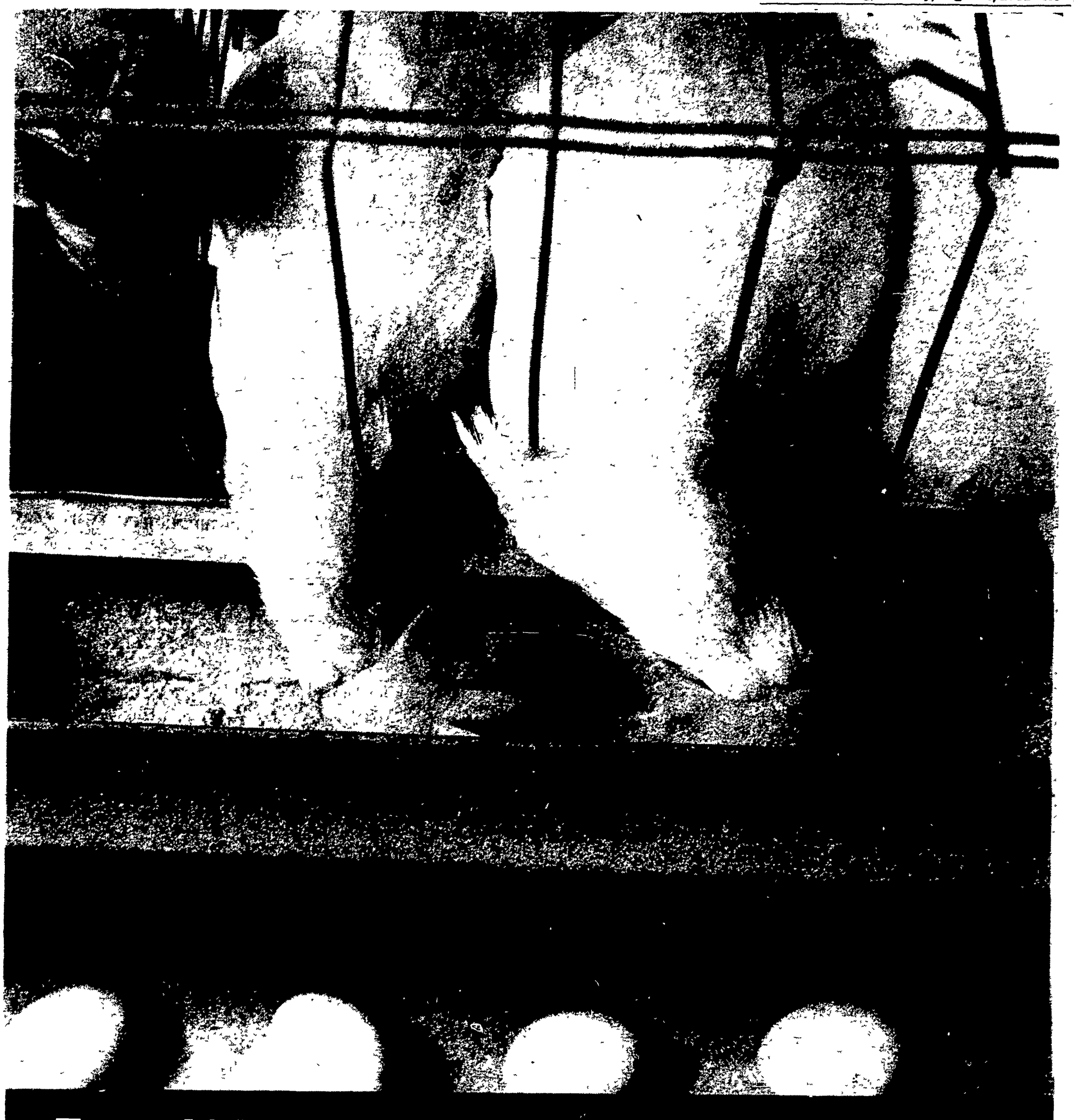

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# Livestock market and auction news

# Hay Markets

## Regional Hay
**Monday, July 27**
**Report supplied by PDA**

(All hay No. 2 and better, prices paid by the dealers at the farm and per ton.)

Hay steady to strong, straw slow & steady.

Alfalfa 70.00-90.00, few to 100.00; Mixed hay 55.00-80.00; Timothy hay 50.00-75.00; Straw 30.00-40.00; Mulch 25.00-40.00.

## Green Dragon Hay
**Ephrata, Pa.**
**Friday, July 24**
**Report supplied by PDA**

21 loads hay and 16 loads straw.

Alfalfa, few 93.00-100, one at 121.00; Mixed hay 52.00-102, mostly 71.00-80.00; Timothy hay, few 84.00-92.00; Straw 47.00-66.00; Ear Corn, 24 loads 112.00-137.00, mostly 117.00-133.00.

## New Holland Hay
**New Holland Sales Stables**
**Monday, July 27**
**Report supplied by auction**

91 loads.

Timothy $59.00-$98.00; Alfalfa $52.00-$160.00; Straw $48.00-$77.00; Mixed $71.00-$118.00; Corn $104.00-$122.00.

## Good's Hay
**Leola, Pa.**
**Wednesday, July 29**
**Report supplied by auction**

80 loads.

Altalfa $45.00-$114.00; Timothy $93.00-$97.00; Mixed $68.00-$118.00; Straw $41.00-$59.00; Corn $104.00-$128.00; Clover $69.00, Canary Grass $49 00; Oats $2.20 bushel.

## New Holland Dairy
**New Holland,Pa.**
**Wednesday, July 29**
**Report supplied by auction**

Reported receipts of 93 cows, 76 heifers, and 2 bulls. Market steady.

Load of Pa. fresh cows, 650.00-1250.00; Load of Wisc fresh cows, 1200.00-1520.00; Load of Pa. fresh cows, 860.00-1375.00; Load of Pa. fresh cows, 1050-1550.

Locally consigned cows 600.00-1550.00. Springing heifers 775.00-1260.00; Open heifers 335.00-675.00, Bils 340.00-790.00.

## Pa. Grain
**Monday, July 27**
**Report supplied by PDA**

Compared with last Monday's market for Southeastern, Central and South Central Pa. Corn steady to 10 cents lower; Wheat uneven, 10 cents higher to 10 cents lower; Barley unevenly steady; Oats steady to 25 cents lower. Ear Corn steady to $3 lower.

Prices paid delivered to dealers dock - (All prices per bushel, except Ear Corn per ton.)

**Southeastern Pa.**

Corn No. 2-y range 3.52-3.80, average 3.66; Wheat No. 2 range 3.11-3.42, few reported 3.52, average 3.27; Barley No. 3 range 2.10-2.30, average 2.18; Oats No. 2 range 1.90-2.30, average 2.04; Ear Corn range 97.00-115.00, average 107.36.

**Central Pa.**

Corn No. 2-y range 3.45-3.65, average 3.57; Wheat No. 2 range 3.05-3.25, average 3.19; Barley No. 3 range 2.00-2.25, average 2.16; Oats No. 2 range 1.70-2.05, average 1.89; Ear Corn range 100.00-110.00, average 104.14.

**South Central Pa.**

Corn No. 2-y range 3.45-3.65, average 3.56; Wheat No. 2 range 2.85-3.20, average 3.02; Barley No. 3 range 2.00-2.40, average 2.21; Oats No. 2 range 1.90-2.10, average 2.03; Ear Corn range 95.00-105.00, average 100.18.

**Western Pa.**

Corn No. 2-y range 3.30-3.60, average 3.48; Wheat No. 2 range 2.80-3.15, average 2.99; Barley No. 3 range 2.15-2.20, average 2.18; Oats No. 2 range 1.70-2.20, average 1.97; Ear Corn range 85.00-88.60, average 86.80.

**Southeastern, Central & South Central Summary**

Corn No. 2-y range 3.45-3.75, average 3.62; Wheat No. 2 range 3.00-3.40, average 3.20; Barley No. 3 range 2.00-2.35, average 2.18; Oats No. 2 range 1 80-2.20, average 1.97; Ear Corn range 97.00-112.00, average 104.60.

## Fogelsville Poultry
**Fogelsville, Pa.**
**Tuesday, July 28**
**Report supplied by USDA**

(Prices paid dock weights, cents per pound, except where noted)

HENS, LIGHT TYPE. range 5, mostly 12.

HENS, HEAVY TYPE. range 8, mostly 22.

PULLETS. range 48, mostly 48.

DUCKS. range 65, mostly 121.

DRAKES. range 65, mostly 127.

GEESE: range 25, mostly 25.

RABBITS: range 10, mostly 80.

PIGEONS (PER PAIR) range 180, mostly 260.

JUMBO SQUABS. mostly 390.

TOTAL COOPS SOLD. 225.

## G&M Livestock
**Monday, July 27**
**Duncansville, Pa.**
**Report supplied by auction**

Compared to last Monday, market report steers-strong, cows-steady, hogs-steady.

STEERS: High Choice and Prime 66.00-69.10; Good to Choice 60.00-66.00; Standard to Good 54.00-60.00; Utility 48.00-54.00.

HEIFERS: High Choice and Prime 61.00-65.25; Good to Choice 54.00-60.00; Standard 48.00-54.00.

FEEDER STEERS: Good to Choice 300 to 500 lbs. 55.00-68.00.

BULLS: 1200-1728 lbs. 54.00-61.75; 900-1200 lbs. 50.00-58.00.

COWS: High Choice to Prime 47 00-49 00, few to 52.00, Ind. to 59 00; Good 45.00-47.00; Utility 42.00-45.00; Cutters 40.00-42.00; Canners 38.00-40.00.

CALVES: High Choice 85.00-96.00; Good to Choice 75.00-85.00; Standard to Good 60.00-75.00; Utility 40.00-60 00.

FARM CALVES: Hol. Bulls 80.00-101.00; Hol. Heifers 100.00-162.50.

FEEDER PIGS: 15-25 lbs. 12.00-22.00; 25-45 lbs. 22.00-32.00.

HOGS: 200-240 lbs. 50.50-53.60; 170-300 lbs. 47.00-52.00.

SOWS. 38.00-48.00.

BOARS: 35.00-39.00.

SHEEP: 15.00-38.00.

LAMBS: 35.00-50.00.

## Philadelphia Eggs
**Wednesday, July 29**
**Report supplied by USDA**

Prices unchanged. Cartoning demand continues light and disappointing in most quarters. Offerings fully adequate to ample on all sizes. Undertone unsettled.

Prices to Retailers: Sales to volume buyers, consumer grades white eggs in cartons delivered store door: A Extra Large 71-79; A Large 70-74; A Medium 59-61½.

## New Holland Horse
**Monday, July 27**
**New Holland Sales Stables**
**Report supplied by auction**

Reported receipts of 268 head of horses, mules, and ponies. Market: steady.

Better horses 550.00-1000.00; Driving horses 375.00-800.00; Riding horses 350.00-475.00; Lightweight killers 325.00-425.00; Heavyweight killers 550.00-580.00; Mares 40.00-125.00; Colts 20.00-50.00; Geldings 40.00-125.00; Larger ponies 150.00-290.00.

# Poultry markets at a glance

## EGGS
**Friday, July 24**
**Market supplied by USDA**

Prices are being lowered for next week's delivery on large and mediums in most areas except the West Coast where the undertone is steady and in New England where brown eggs are clearing satisfactorily at unchanged prices Inquiry for next is typically light for the last week in the month. Nest run eggs accumulated in the Midwest and South during the week and limited sales were at sharply lower prices. Breaker interest is spotty. Most plants have sufficient inventories to operate full time. Offerings of light type hens increased as egg prices dropped.

NORTH ATLANTIC - The market is weak and unsettled. Cartoned egg movement is light to fair. Inventories accumulated despite spotty retail promotions. Resort business and in some quarters institutional business is fairly good. Offerings of nest runs increased during the week and limited trading was at sharply lower price levels. Breaker activity modest but steady.

## BROILERS
**Friday, July 24**
**Market supplied by USDA**

The upward price momentum in the market seems to have abated, as advance interest was tempered somewhat in several areas in light of the new untested price levels. To date, supply has been kept in balance in most growing areas by reducing or curtailing slaughter and not having to worry about excessive weight gains in the field. An accumulation of undergrades and some parts has been the result in instances for a few suppliers. Placements in the field for the industry are fully adequate.

## TURKEYS
**Friday, July 24**
**Market supplied by USDA**

Market tone unsettled on hens, steady to firm on toms. Inquiry and trading for current and deferred shipments very disappointing on the West Coast and Midwest, spotty in the East. Trading for July shipments centered in the East on a light volume of consumer classes at steady prices and 24-26 lb. toms at unchanged to higher prices. Several loads of fresh hens shipping from the Midwest to the Northwest at .68. Interest for deferred shipments in the East on several loads of packer label broth-basted hens and 16-24 lb. toms with prices to be determined during Oct., with shipments from the Midwest. Offerings ample on fryer roasters, ample to heavy on hens and light to adequate on toms. Trade interest centers on the school lunch release and some concern noted with the record July storage holdings and the June poultry Hatchery. Movement on parts centered in the Midwest on wings at irregular prices and drumsticks at firm prices. Canner Pack trading moderate in the Midwest, improved slightly in the East. Retail promotions very light, centering mostly on turkey parts


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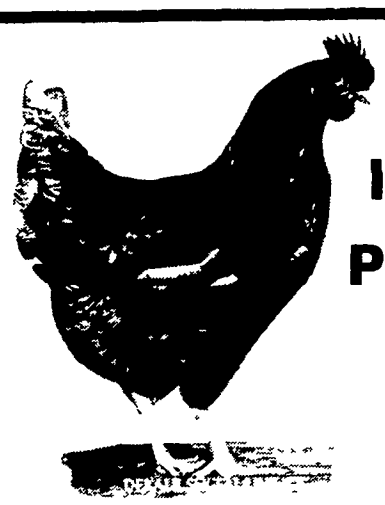
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WALTER H. RISSER, Proprietor

# Livestock market and auction news

## New Wilmington Livestock Auction

**New Wilmington, Pa.**
**Monday, July 27**
**Report supplied by PDA**

CATTLE 273: Compared with last Monday's market, slaughter cows $2.00 lower. Choice slaughter steers 62.00-65.75, one at 67.00, Good 56.00-62.00, Standard 45.00-55.00. Choice slaughter heifers 57.50-60.00, one at 62.00, few Good 55.00-56.00, Standard 44.00-50.00. Utility & Commercial slaughter cows 43.50-47.00, few 47.50-49.00, Commercial No. 4-5 39.50-43.75, Cutters 41.00-44.50, Canner & Low Cutter 34.00-41.00, Shells down to 27.50. Few Utility slaughter bullocks 40.00-44.00. Yield Grade #1 1155-1985 lbs. slaughter bulls 53.00-60.00; few yield grade #2 1165-1325 lbs. 49.75-52.75. Medium Frame & Large Frame #1 440-785 lbs. feeder heifers 43.00-50.75.

CALVES 271: Vealers grading Good & Choice steady to weak, Standard strong to 5.00 higher. Choice vealers 85.00-93.00, one at 100.00, Good 68.00-83.00, Standard & Good 90-120 lbs. 45.00-65.00, 65-85 lbs. 40.00-48.00, Utility 45-70 lbs. 30.00-32.00. Farm calves, holstein bulls 95-130 lbs. 65.00-81.00; holstein heifers 75-120 lbs. 70.00-117.50.

HOGS 499: Barrows & gilts steady to weak. US No. 1-2 210-240 lbs. barrows & gilts 51.50-52.25, No. 1-3 200-250 lbs. 50.50-51.80, No. 2-3 200-265 lbs. 49.00-50.70. Sows 3.00-4.00 lower. US No. 1-3 275-565 lbs. sows 39.50-46.00, few Utility 270-385 lbs. 34.50-38.00. Boars 35.00-45.00.

FEEDER PIGS 91: US No. 1-3 20-30 lbs. feeder pigs 22.00-25.00 per head, No. 1-3 45-65 lbs. 31.00-43.00 per head.

SHEEP 161: Choice 65-85 lbs. spring slaughter lambs 64.00-78.00, 90-110 lbs. 55.00-64.00, Good 65-100 lbs. 45.00-60.00. Slaughter ewes 11.00-22.00.

## Four States Livestock

**Hagerstown, Md.**
**Wednesday, July 22**
**Report supplied by auction**

SLAUGHTER: Fed Steers Steady prices. Choice 60.00-63.00; Good 55.00-59.00; Medium 54.00 Down. Heifers Choice 56.00-59.75; Good 50.00-55.00; Medium 49.00 Down. Cows good run $1.00 lower. High Yield 45.50-46.50; Average 42.00-45.00; Big Middle 38.00-41.00; Fatty Hert. 35.00-38.00; Shelly 38.00 Down. Fat Bulls $1.00 lower. Good 54.00-57.00; Medium 49.00-53.00. Veal Calves mostly steady. Choice 85.00-90.00; Good 76.00-84.00; Medium 65.00-75.00; Farm Hfrs. to 130.00; Farm Bulls to 66.00; Light & Weak 52.00 Down. Lambs $3.00 lower. Choice $52.00-$54.00; Good 46.00-51.00; Medium 45.00 Down.

STOCKER: Steers 300-550 lbs. $2.00-4.00 lower. Good 56.00-60.00; Medium 50.00-55.00; Culls 49.00 Down. Steers 600-850 lbs. Choice 51.00-55.00; Good 45.00-50.00; Medium 44.00 Down. Heifers (All Weights) Choice 54.00-61.50; Good 45.00-53.00; Medium 44.00 Down. Bulls Choice 53.00-55.50; Good 48.00-52.00; Medium 47.00 Down. Springing Heifers to $975.00. Pigs, Hd. mostly steady. 20-30 lbs. 15.00-26.00; 40-60 lbs. 27.00-36.00. Shoats by Lb. to 41.50. Slaughter Hogs $1.00 lower. 210-230 lbs. 50.35-51.10; 240-260 lbs. 49.75-50.50; 190-205 lbs. 49.00-50.00. Sows 300-600 lbs. 43.00-47.50; Thin Sows 35.50-42.00.

## Martinsburg Auction

**Martinsburg, Pa.**
**Monday, July 27**
**Report supplied by Auction**

CATTLE 158: High Choice & Prime slaughter steers 64.50-66.00, Choice 63.50-65.00, Good 61.00-63.50, Standard 56.50-60.00, Utility 48.00-56.50. Choice slaughter heifers 63.00-65.00, Good 60.00-63.00, Standard 56.50-60.00, Utility 48.00-55.00. Utility & Commercial slaughter cows 47.00-53.50, Cutters 44.00-47.50, Canner & Low Cutter 42.00-44.00, Shells down to 35.00. Choice slaughter bullocks 55.50-60.00, Good 53.50-55.50, Standard 50.00-53.50, Utility 45.00-50.00. Yield Grade #1 slaughter bulls 54.00-55.60; yield grade #2 52.00-54.00. Choice feeder steers 57.00-60.50, Good 54.00-57.00, Medium 52.00-54.50; Good feeder heifers 52.00-58.00, Medium 51.00-54.00; Good feeder bulls 51.00-55.00, Medium 45.00-51.00.

CALVES 362: Prime vealers 92.00-99.00, Choice 85.00-92.00, Good 75.00-85.00, Standard & Good 110-130 lbs. 65.00-75.00, 90-110 lbs. 55.00-62.00, 70-90 lbs. 52.00-55.00. Farm calves, holstein bulls 90.00-107.50; holstein heifers 100.00-165.00.

HOGS 413: US No. 1-2 barrows & gilts 52.50-54.00, No. 1-3 52.00-53.00, No. 2-3 51.00-52.00, heavy weights 48.00-50.50, No. 1-3 48.00-50.00. US No. 1-3 sows 45.50-48.50, No. 2-3 42.00-45.50. Boars 35.00-42.50.

FEEDER PIGS 84: US No. 1-3 25-40 lbs. feeder pigs 22.50-36.00 per head, No. 1-3 40-75 lbs. 36.00-51.00 per head.

SHEEP 0: No sales on offer.

GOATS 3: 18.00-50.00 per head.

## Dewart Livestock Auction

**Dewart, Pa.**
**Monday, July 27**
**Report supplied by PDA**

CATTLE 230: Compared with last Monday's market, slaughter steers .50-1.50 lower. Slaughter cows steady to .50 lower. Few Choice No. 2-4 1070-1400 lbs. slaughter steers 64.10-66.50, Good 57.00-63.75, Standard 51.00-55.50. Few Choice slaughter heifers 61.75-64.00, few Good 58.00-61.75. Utility & Commercial slaughter cows 44.75-47.75, few to 49.60, Cutters 41.75-45.50, Canner & Low Cutter 38.00-41.75, Shells down to 33.00. Few Yield Grade #1 815-1995 lbs. slaughter bulls 50.00-59.85.

CALVES 235: One Prime vealer at 108.00, few Choice 85.00-98.00, good 65.00-81.00, Standard & Good 70-95 lbs. 55.00-61.00, few Utility 50-80 lbs. 45.00-55.00. Farm calves, holstein bulls 85-125 lbs. 60.00-93.00; few holstein heifers 80-150 lbs. 75.00-170.00.

HOGS 365: Barrows & gilts .50-.75 lower. US No. 1-2 195-230 lbs. barrows & gilts 52.75-53.35, one lot 53.50, No. 1-3 210-240 lbs. 51.85-52.75, one lot No. 2-3 290 lbs. at 48.85. US No. 1-3 350-550 lbs. sows 44.75-47.00, few No. 2-3 400-600 lbs. 39.25-43.00. Boars 36.00-40.00.

FEEDER PIGS 291: US No. 1-3 20-35 lbs. feeder pigs 18.50-28.00 per head, No. 1-3 35-50 lbs. 27.00-41.00 per head.

SHEEP 60: Choice 80-100 lbs. spring slaughter lambs 55.00-61.00, couple to 63.50, Good 70-90 lbs. 50.00-59.00.

## Shenandoah Valley Livestock

**Harrisonburg, Va.**
**Saturday, July 25**
**Report supplied by auction**

STOCKER, FEEDER, AND SLAUGHTER CATTLE: Good Light Steer Calves 66.00-71.00; Medium 61.00-65.75; Plain 57.00 and down; Good Heavy Steers 52.00-64.25; Medium 52.00-56.75; Plain 47.00 and down; Holstein Steers 50.50 and down; Good Light Heifer Calves 46.00-51.25; Medium 41.00-45.25; Plain 40.00 and down; Good Heavy Heifers 46.00-51.75; Medium 41.00-45.75; Plain 40.00 and down; Slaughter Cows 41.00-47.50; Utilities 36.00-40.75; Canners & Cutters 35.00 and down; Milk & Stock Cows 650.00 and down; Stock Bulls 59.25 and down; Slaughter Bulls 49.50-56.75.

CALVES: Veal Calves 73.00 and down; Baby Calves 77.50 and down.

SHEEP & LAMBS: Choice Blue O 57.00; Good Red O 48.00; Feeder Lambs 39.00-46.00; Slaughter Ewes 13.00 and down; Stock Ewes 52.00 and down.

HOGS: Top 49.10; Heavy 40.50; Medium 45.00; Light 35.00; Sows 47.00 and down; Boars 35.00.

## Eighty-four Livestock Auction

**Eighty-four, Pa.**
**Monday, July 27**
**Report supplied by Auction**

CATTLE 279: Choice slaughter steers 60.50-64.50, Good 52.50-58.50, Standard 45.00-51.50. Choice slaughter heifers 58.00-63.00, Good 46.00-53.50, Standard 41.00-45.50. Cutter slaughter cows 43.00-46.50, Canner & Low Cutter 37.00-42.75, Shells down to 18.00. Yield Grade #1 slaugher bulls 45.00-57.75; yield grade #2 35.00-50.00. Good feeder steers 48.00-55.00; Good feeder heifers 45.00-53.00.

CALVES 337: Choice vealers 75.00-90.00, Good 60.00-74.50, Standard & Good 50-90 lbs. 40.00-58.00. Farm calves, holstein bulls 70.00-89.00; holstein heifers 80.00-120.00; beef cross bulls & heifers 55.00-70.00.

HOGS 92: US No. 1-2 200-240 lbs. barrows & gilts 50.00-52.50, one lot No. 1-3 260-280 lbs. at 48.75. US No. 1-3 sows 40.00-43.50. Boars 25.00-38.00.

FEEDER PIGS 4: Few US No. 1-3 27 lbs. feeder pigs 10.00-11.00 per head.

SHEEP 162: Choice 80-100 lbs. spring slaughter lambs 56.75-58.00, 70-75 lbs. 52.00-62.50, Good 50-65 lbs. 47.50-52.00. Slaughter ewes 12.00-26.00.

GOATS 8.

## Lebanon Valley Livestock

**Fredericksburg, Pa.**
**Tuesday, July 28**
**Report supplied by PDA**

CATTLE 150: Compared with last Tuesday's market, slaughter steers weak to 1.00 lower. Slaughter cows weak to 1.25 lower. Choice 2-4, 1080-1300 lbs. slaughter steers 63.10-66.60, Good 58.00-63.10, Standard 51.00-56.75, few Utility & Low Standard 46.50-50.50. Few Choice 3-4, slaughter heifers 54.85-61.75, few Good 52.50-55.00, few Standard 47.00-50.10. Utility & Commercial slaughter cows 44.00-45.50, individual 49.75, Cutters 42.75-44.00, few 44.75, one at 46.00, Canner & Low Cutters 40.00-42.75, few down to 38.25, Shells down to 30.00-38.75, few down to 25.00. Good slaughter bullocks 54.25-55.85, one at 57.10, few Standard 46.75-52.75. Few Yield Grade #1, 1375-2075 lbs. slaughter bulls 54.75-57.00.

CALVES 275: Vealers mostly 1.00-3.00 lower. Choice vealers 71.00-86.00, few Good 66.00-80.00, Standard and Good 90-120 lbs. 61.00-64.00, 65-90 lbs. 57.00-62.00, Utility 50-105 lbs. 40.00-54.00. Farm Calves: Hol. Bulls 80-125 lbs. 60.00-98.00, mostly 70.00-85.00; Hol. Heifers 90-135 lbs. 110.00-144.00, one at 150.00; few Beef cross bulls and heifers 75-105 lbs. 59.00-66.00.

HOGS 105: Barrows and gilts mostly .75-1.00 lower on small supply. US No. 1-2 200-235 lbs. barrows and gilts 51.85-52.25, No. 1-3 200-245 lbs. 51.00-52.00, No. 2-3 190-260 lbs. 50.35-51.25, few down to 48.60, few No. 1-3 170-190 lbs. 45.00-47.00. Few US No. 1-3 405-585 lbs. sows 46.25-47.00, No. 2-3 265-430 lbs. 39.75-44.25, few down to 35.75, few Utility 215-275 lbs. 34.00-36.00. Few Boars 33.00-35.00.

FEEDER PIGS 12: Few US No. 1-3 25-45 lbs. feeder pigs 51.00-61.00 per hundredweight, lot No. 1-3 110 lbs. at 46.50 per hundredweight.

SHEEP 22: Choice 35-100 lbs. spring slaughter lambs 55.00-60.00. Few Slaughter ewes 19.00-27.00.

## Joliet Cattle

**Thursday, July 30**
**Report supplied by USDA**

CATTLE: Friday through Wednesday's salable receipts 2,900; 5 days last week 2,372; same period a year ago 3,471. Slaughter Steers ended the week .50-1.50 lower. Slaughter Heifers closed the week 1.00 to mostly 2.00 lower compared with Wednesday of last week. Cows ended the week steady to weak.

SLAUGHTER STEERS: Choice, few Prime, mostly 3 1150-1250 lbs. 67.00-67.25; 3 loads 67.50 Monday; 66.75, load 67.00 Wednesday. choice 2-4 1075-1150 lb. 66.00-66.50 Wednesday; 1050-1075 lb. 65.00-66.00 Monday; 65.00-65.50 Wednesday; 1000-1050 lb. 64.00-65.00. Mixed Good and Choice 2-3 950-1100 lb. 62.50-64.00; Package Choice 2-3 1500 lb. Holsteins 61.50 Wednesday. Mixed Good and Choice 2-3 1300-1600 lb. Holsteins 60.50 Monday.

SLAUGHTER HEIFERS: Mixed Choice and Prime 2-4 950-1050 lbs. 65.50-66.75, 1 load 66.25 Monday; package 65.50 Wednesday. Choice 2-4 925-1000 lb. 64.50-65.50 Monday; Couple loads 64.50 Wednesday; 800-900 lb. 63.25-64.00 Monday; 62.50-63.50 Wednesday. Mixed Good and Choice 2-3 800-1050 lbs. 60.00-63.00 Monday; 59.00-62.50 Wednesday.

COWS: Cutter and Utility 1-3 40.00-43.00 Monday; 39.00-41.00 Wednesday; 40.00-43.00 Thursday.

## Valley Livestock

**Valley Stockyards**
**Athens, Pa.**
**Monday, July 27**
**Report supplied by auction**

Reported receipts of 319 calves, 126 cows, 12 bulls, 20 heifers, 5 steers, 130 hogs, 20 lambs, 55 sheep. Cattle market steady, calf market weaker.

Holstein Heifer Calves to 122.50; Veal Calves, to 70.50; Bobs, 90 to 110 60.00-82.00; Bobs, 80 and down 40.00-55.00; Grassers & Feeders 42.00-58.00; Lambs 52.00-60.00; Sheep 15.00-26.00; Hogs, 200-250 lbs. 46.00-51.50; Sows 36.00-44.50; Boars 30.00-34.00; Pigs 12.00-29.00; Heifers 42.00-50.00; Steers medium 44.00-49.75; Steers, feeder 49.00-60.00; Bulls 47.00-55.75; Cows, utility 46.00-47.00 top 48.25; Cows, fat 40.00-45.00; Cows, medium 41.00-43.00; Cows, poor or small 32.00-36.00; Horses, small to 480.00; Ponies to 130.00; Goats 10.00-48.00.


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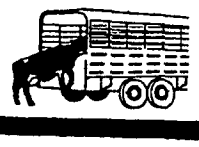

# Livestock market and auction news

## THE OLD FARMER'S ALMANAC

AUG. 3-9, 1981

**Too sultry for adul'try.**

Best way to weather a hot spell is to keep busy Roger Bannister ran mile 3 58 8 record time, Aug 7, 1954 First quarter of the moon Aug 7 (Fri) Average length of days for the week, 15 hours, 9 minutes Hiroshima bombed Aug 6, 1945 Columbus sailed from Spain Aug 3, 1492 *Better face a danger once than always be in fear*

**Ask the Old Farmer:** My grandfather used to say he could tell it was going to rain by the sound of a distant train I was too young to disbelieve him Any truth in what he said? H D, Grand Forks, ND

*He was right When distant sounds are loud and hollow, look for rain Lowering cloud ceiling acts like a sounding board*

**Home Hints** Hot vinegar will remove paint from glass

OLD FARMER'S WEATHER FORECASTS

**New England:** Warm temperatures and frequent showers throughout week.

**Greater New York-New Jersey:** Week begins warm, with showers, by midweek, clear and hot to end

**Middle Atlantic Coastal:** Hot, frequent showers become heavy toward end with seasonal temperatures

**Piedmont & Southeast Coastal:** Showers, hot, rain central and west midweek on, seasonal

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## Weekly Summary

**Friday, July 31**

**Report supplied by PDA**

CATTLE: 6942. Compared with 7243 head last week, and 7407 head a year ago. Compared with last week's market: Slaughter steers, heifers, bullocks & bulls 1.00-2.00 lower; Sl. cows grading Cutter & Utility 1.25-2.00 lower, Canners steady. Sl. steers: High Choice & Prime 56.50-70.00; Choice 62.00-67.00; Good 56.00-63.00; Standard 47.00-56.00. Sl. heifers: Choice 58.00-64.00; Good 52.50-57.00; Standard 44.00-52.00. Sl. cows: Utility & Commercial 42.75-47.50; Cutters 40.00-44.00; Canner & L. Cutter 35.00-42.00; Shells down to 25.00. Sl. bullocks: Choice 55.00-60.00; good 51.00-57.00; Standard 45.00-53.00. Sl. bulls· Yield Grade No. 1, 1100-2200 lbs. 50.00-58.00; Yield grade No. 2, 900-1400 lbs. 44.00-53.00.

FEEDER CATTLE: Steers, Medium & Large Frame No. 1, 400-800 lbs. 45.00-59.00. Heifers, Medium & Large Frame No. 1, 450-650 lbs. 44.00-55.00.

CALVES: 4187. Compared with 4200 head last week and 4051 head a year ago. Vealers uneven, mostly steady to weak. Few Prime 99.00-111.00; Choice 80.00-102.00 few down to 71.00; Good 65.00-85.00. Standard & Good 90-110 lbs. 50.00-62.00; 70-90 lbs. 40.00-55.00; Utility 50-100 lbs. 30.00-50.00.

FARM CALVES: Hol. Bulls 90-125 lbs. 60.00-100.00; Hol. Heifers 90-140 lbs. 68.00-125.00, few to 170.00.

HOGS: 6259. Compared with 7560 head last week and 7356 head a year ago. Barrows and gilts weak to .50 lower. US No. 1-2 200-240 lbs. 51.75-54.00 No. 1-3 200-255 lbs. 50.00-52.50; No. 2-3 200-285 lbs. 48.00-51.00, 190 lbs. 42.00-50.00; Sows steady to 1.00 lower US No. 1-3 300-650 lbs. 42.00-48.00, few No. 2-3 400-700 lbs. 39.00-44.00. Boars 30.00-40.00.

FEEDER PIGS: 1204. Compared with 1882 head last week and 2029 a year ago. Feeder pigs steady to strong. US No. 1-3 25-35 lbs. 13.00-30.00 per head; No. 1-3 35-50 lbs. 25.00-45.00; few No. 1-3 50-60 lbs. 35.50-51.00 per head.

GRADED FEEDER PIGS: 2170. Compared with 2044 head last week, and 1436 head a year ago. All sales by CWT. Feeder Pigs strong to 15.00 higher. US No. 1-2 25-40 lbs. 85.00-105.00, 40-50 lbs. 86.00-101.00, 50-60 lbs. 82.00-91.00, 60-70 lbs. 75.00-84.00; US No. 2-3 30-40 lbs. 80.00-96.00, 40-50 lbs. 81.00-86.00.

SHEEP: 786. Compared with 695 head last week and 757 head a year ago. Spring sl. lambs steady to 5.00 lower, Choice 60-115 lbs. 52.00-65.00, with few to 78.00; Good 50-110 lbs. 45.00-60.00. Sl. ewes: 11.00-30.00.

## Carlisle Auction

**Carlisle, Pa.**

**Tuesday, July 28**

**Report supplied by auction**

CATTLE: STEERS: Good 64.00-65.75; Standard 52.00-56.50. HEIFERS: Good 49.50-55.75; Standard 47.50-49.50; Utility 44.50-48.00. BULLOCKS: Good 55.00-56.50; Standard 50.25-52.00.

FEEDER STEERS: 50.00-64.00.

CATTLE HEIFERS: 52.00-60.00.

BULLS: 55.00-56.00.

CALVES: VEALERS: Good 80.00-95.00; Standard & Good 70.00-85.00; Standard & Good 60.00-75.00.

FARM CALVES: Hol. Heifers 137.50-160.00.

HOGS: Barrows & Gilts US No. 1-2 50.60-52.85; US No. 1-3 47.75-51.50; US No. 2-3 38.00-44.00 SOWS: US No. 1-3 45.50-47.75; No. 2-3 34.00-44.00. Boars 34.75-36.50.

FEEDER PIGS. US No 1-3 18.00-27.50; No. 1-3 28.00-36.00.

SHEEP: LAMBS: Utility 44.00-54.00.

## Omaha Cattle

**Thursday, July 30**

**Report supplied by USDA**

Through midweek, Slaughter Steers and Heifers steady except Steers under 1075 lbs. weak to .50 lower. Cows 1.00-1.50 lower, bulls steady.

Four day receipts: 8,625; Last Week 11,325; Year Ago 11,775.

Despite a downtrending dressed beef trade at midweek, Steers and Heifers held largely steady due to curtailed local receipts. Slaughter Steers made up around 49 pct of the week's total receipts and continued to be largely good to average Choice with 1000-1125 lb. weights, a liberal share of the run. Heifers made up approximately 30 pct; Cows 12 pct; and Feeders 8 pct.

STEERS: Three loads and part load Choice, some Prime included 3, few 4 1142-1314 lbs. 67.75-68.00. Choice 2-4 1075-1200 lbs. 66.25 67.50; Bulk 66.50-67.25; 2-3 1025-1075 lbs. 65.50-67.00. Mostly Choice 2-3 950-1050 lbs. 65.00-66.00. Few loads Choice 3-4 1300-1350 lbs. 66.50, few 4-5 1330-1450 lbs. 60.00-63.00. Few loads and lots mostly Choice 2-3 Holsteins 130-1375 lbs. 61.00-61.50; Good, few Choice 1250-1350 lbs. 58.50-59.50.

HEIFERS: Choice 2-4 900-1050 lb. 63.50-64.75; Choice with end Prime 3-4 950-1075 lbs. 64.50-64.75, load and part load 65.00-65.25. Mixed Good and Choice 2-3 875-1000 lbs. 62.00-63.50. Good 58.00-62.00.

Average of LS 214 detailed quotations for Choice 900-1100 lb. Steers 66.25; 100-1300 lbs. 67.12. Average cost Steers this week 65.70, average weight 1111 as compared 67.08 and 1112 lbs. a week ago. Average cost Heifers this week 63.22, average weight 978 lbs. as compared 64.38 and 967 lbs. a week ago.

COWS: High-Cutter, Utility and Commercial 1-3 42.00-43.50, High-Dressing 43.50-44.00, some low dressing 41.50. Cutter 1-2 40.00-42.00, few Canner and low-Cutter 38.00-40.00.

BULLS: 1-2 1100-1800 lbs. 50.00-54.00, high dressing 1 55.00, individual YG 2 2000 lbs. 48.00.

## East Coast Carlot

**Wednesday, July 29**

**Report supplied by USDA**

Compared to Tuesday's close: prime special fed veal steady. Good and Choice boning veal steady to 3.00 higher; inshipped steady with Friday's last test. Spring lamb lightly tested early however, steady to weak undertone indicated. Compared to last week, boneless beef 4.00 to 8.00 lower.

**VEAL CARCASS**
**Prime (Special Fed)**
***HIDE-ON***
**330 Head**

180-240 lbs. 182.00-192.00, steady, bulk 185.00-190.00.

**BONING TYPE**
**HIDE-ON**
**Good & Choice**

Northeastern Suppliers. All steady to 3.00 higher, 65-75 lbs. 86.00-88.00; 55-64 lbs. 84.00-86.00; 45-54 lbs. 82.00-84.00; 35-44 lbs. 80.00-82.00; 34 lbs. down 78.00-80.00.

Inshipped: All steady with Friday, 71-80 lbs. 88.00-90.00, 61-70 lbs. 86.00-88.00; 51.60- lbs. 84.00-86.00; 41-50 lbs. 82.00-84.00; 30-40 lbs. 80.00-82.00.

**SPRING LAMB CARCASS**
**Choice & Prime 3-4**
**1 Load**

55 lbs. down 135.00. 55-65 lbs. few 135.00; 65-75 lbs. few 135.00.

**BONELESS BEEF**
**8 Loads**

90 pct chem lean, fresh 117.0-117.50 4.00 to 6.50 lower.

85 pct chem lean, fresh 109.00-110.00 5.00 to 8.00 lower.

**CURED AND PROCESSED MEATS**
**4 Loads**

Semi-Boneless Hams: 14-17 lbs. 119.00 firm.

Boneless Hams 13-17 lbs. 145.00 firm.

No. 1 sliced bacon vacuum pack 1 lb. pkg. 117.00 firm.

Franks, 70 Beef, 30 Pork 1 lb. pkg 89.00 firm.

## Middleburg Livestock Auction

**Middleburg, Pa.**

**Tuesday, July 28**

**Reports Supplied By PDA**

CATTLE 383. Compared with last Tuesday's market, slaughter steers about steady. Slaughter cows steady to $1 lower. Few High Choice & Prime slaughter steers 66.00-67.60, Choice No. 2-4 1000-1400 lbs. 63.75-66.75, Good 58.00-62.25, Standard 50.50-56.50, Utility 44.50-51.00. Few Choice slaughter heifers 58.75-64.75, few Good 54.00-56.85, few Standard 51.00-55.00. Utility & Commercial slaughter cows 43.00-47.25, coupit to 48.60, Cutters 42.00-45.50, Canner & Low Cutter 38.00-41.50, Shells down to 32.00. Couple Choice slaughter bullocks 61.75 and 65.50, few Good 54.85-57.00. Yield Grade #1 1000-1750 lbs. slaughter bulls 50.50-57.35, one at 60.00. Few Large #1 450-780 lbs. feeder steers 51.50-59.00.

CALVES 176. Few Choice vealers 75.00-85.00, few Good 61.00-73.00, Standard & Good 70-100 lbs. 55.00-60.00. Farm calves, holstein bulls 90-125 lbs. 60.00-77.00, few to 83.00; holstein heifers 80-185 lbs. 75.00-145.00.

HOGS 406. (Monday, July 27,1981). Barrows & gilts 25 cents to 75 cents lowr. US No. 1-2 210-235 lbs. barrows & gilts 52.75-53.75, No. 1-3 No. 1-3 190-250 lbs. 52.00-52.75, No. 2-3 190-270 lbs. 49.00-52.00. US No. 1-3 300-620 lbs. sows 45.00-47.00, No. 2-3 300-500 lbs. 37.00-45.00. Boars 35.00-38.00.

TUESDAY 84 HOGS. One lot US No. 1-2 210 lbs. barrows & gilts at 51.00, few Lots No. 2-3 200-210 lbs. 48.00-50.25.

FEEDER PIGS 127. US No. 1-3 20-35 lbs. feeder pigs 17.50-37.50 per head, No. 1-3 35-55 lbs. 35.00-45.50, one lot No. 1-3 70 lbs. 49.00 per head.

SHEEP 5. Few Good 100-120 lbs. spring slaughter lambs 53.50-56.50, one at 61.50.

GOATS 12. 20-00-40.00 per head.

## Chambersburg Auction

**Chambersburg, Pa.**

**Thursday, July 30**

**Report supplied by PDA**

CATTLE 568: Comapred with last Thursday's market: Slaughter steers about steady; Sl. cows mostly 1.00-1.50 lower; Sl. steers: few Choice No. 2-4, 950-1250 lbs. 61.75-65.00; Good 57.00-61.75; Standard 51.75-56.76. Sl. heifers: few Choice 58.00-62.50; few Good 53.25-56.50. Sl. cows: Utility & Commercial 42.50-46.50, few to 47.50. Cutters 40.00-44.50; Canner & L. Cutter 36.00-40.50; Shells down to 29.50. Sl. bullocks: one Choice at 56.25; one Good at 54.00. Sl. bulls: Yield Grade No. 1, 1100-2200 lbs. 45.50-56.75.

FEEDER CATTLE: Steers, few Medium Frame No. 1, 600-800 lbs. 44.50-50.50.

CALVES 328: Vealers grading Choice 9.00-12.00 lower. Choice 67.00-78.00; Good 62.00-72.00; Standard & Good 65-95 lbs. 54.00-62.00; Utility 50-80 lbs. 31.00-52.00.

FARM CALVES: Hol Bulls 85-130 lbs. 62.00-88.00 with few to 97.00; Hol. Heifers 80-200 lbs. 80.00-170.00.

HOGS 60: Few lots No. 1-3 220-230 lbs. 51 75-52.85; one lot No 2-3 333 lbs. at 44.00. Sows US No 1-3 300-550 lbs. 38.50-44.50 Few Boars 33.00-36.00.

FEEDER PIGS 56· US No. 1-3 20-30 lbs. 18.00-27.50, one lot 50 lbs. at 38 00 per head.

SHEEP 43: Few Good 80-100 lbs. 48.50-51.50; few one lot Utility 73 lbs. at 43.50; one lot Utility 43 lbs. at 32 50

GOATS: 3.

## Special Horse Sale

**New Holland Livestock Market**

**Friday, July 24**

**Report supplied by auction**

209 head

Load of Driving Kentucky $700-$1200; Driving Pa. $575-$775; Driving New York $450-$800; Driving New Jersey $675-$1300; Driving Tennesse $550-$1175; Driving Kentucky $525-$1800; Driving Kentucky $1000-$1775; Driving Pa. $600-$1550; Driving Maine $775-$1100.

Local - Driving $450-$1150; Work $525-$1100.

Pair Mules - $3000


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ABE DIFFENBACH 717-393-4464

# Livestock market and auction news

## Lancaster Weekly

(Continued from Page A2)

ter 1-2 39.50-44.50, few 44.50-45.50; Canner and low Cutter 35.00-41.00.

BULLOCKS: Choice 975-1250 lb. 55.00-59.00, few 59.00-63.50; Good 900-1100 lb. 50.50-55.50.

BULLS: Yield grade 1 1300-1800 lb. 53.00-58.00, few 58.00-60.10, couple early part of weel 62.00-66.00; yield grade 2 1050-1400 lb. 49.50-55.00, 800-1050 lb. 45.00-50.00.

VEAL CALVES: Vealers weak to mostly 5.00 lower. Demand fair for calves returned to farm.

VEALERS: Choice 180-320 lb. 90.00-110.00; few Choice and Prime 280-350 lb. 105.00-120.00, one lot 308 lb. 135.00; high Good and low Choice 140-290 lb. 65.00-90.00, 80-125 lb. 45.00-65.00, 50-80 lb. 30.00-50.00.

SLAUGHTER CALVES: Choice 280-400 lb. 55.00-65.00; Good 250-350 lb. 48.00-56.00.

RETURNED TO FARM: Bulk 85-120 lb. Hostein heifers 56.00-80.00, few 82.00-95.00; 30 head 110-115 lb. 122.00-124.00. Bulk 85-115 lb. Holstein bulls 62.00-86.00, few 86.00-92.00; few small frame 100-120 lb. 55.00-60.00.

## Indiana Livestock

**Homer City, Pa.**
**Thursday, July 30**
**Report supplied by PDA**

CATTLE 88: Compared with last Thursday's market: Sl. cows 1.00-1.50 lower. Sl. steers: Few Good 57.50-59.75 with one at 64.75; Standard 45.00-53.00. Sl. heifers: Few Choice 57.25-64.75, couple YG 5 at 50.00: few Good 54.50-56.75; few Standard 46.00-50.00. Sl. cows: Utility & Commercial 43.00-47.50, one at 48.25; Cutters 41.00-44.50; Canner & L. Cutter 33.00-41.00; Shells down to 27.00. Sl. bullocks: few Good 52.00-56.00; Standard 45.25-51.50. Sl. bulls: Few Yield Grade No. 1, 1105-1360 lbs. 51.00-56.75; few Yield Grade No. 2, 905-1070 lbs. 43.25-49.00.

CALVES 118: Vealers steady. Choice 78.00-92.00; few Good 72.00-74.00, Standard & Good 90-120 lb. 50.00-60.00, Standard 43.00-59.00; 60-85 lbs. 40.00-52.00; few Utility 50-70 lbs. to 30.00.

FARM CALVES: Hol. Bulls 90-125 lbs. 60.00-94.00; Hol. Heifers 65-100 lbs. 54.00-70.00. Beef Cross Bulls & Heifers 75-100 lbs. 55.00-76.00.

HOGS 110: .25-1.00 higher. Few US No. 1-2 230-245 lbs. 53.00-53.25 No. 1-3 200-255 lbs. 52.00-53.00; No. 2-3 220-270 lbs. 50.00-51.00. Sows weak to 1.00 lower US No. 1-3 270-530 lbs. 43.00-47.75 with one at 48.75; Couple No. 2-3 32.25 & 40.75. Boars 32.00-36.50.

FEEDER PIGS 23: Not enough any one grade to establish market.

SHEEP 13: Spring sl. lambs one lot Choice 90 lbs. at 55.00. Few Sl. ewes: 13.00-16.00.

GOATS: 2.

## Peoria Cattle

**Thursday, July 30**
**Report supplied by USDA**

Compared to last week Slaughter Steers closed .50-1.00 lower. Heifers .50-1.00, instances 2.00-3.00 lower on Heifers under 900 lbs. Cows 1.00-3.00 lower and Bulls 1.00-2.00 lower. Trade moderate on Steers, slow on Heifers. Demand very good on Steers over 1100 lbs. and Heifers over 900 lbs. Steers under 1000 lbs. and especially Heifers under 900 lbs. under very light demand and severe discounts noted. Receipts this week about 2600 as compared to 2481 a week ago and 3556 a year ago.

SLAUGHTER STEERS: Choice 2-4 1100-1350 lbs. 65.50-66.50. Small lot and couple part loads mostly YG. 3's 1150-1250 lbs. 67.00-67.50. Choice 2-3 950-1100 lbs. 64.50-65.50. Mixed Good and Choice 2-3 950-1150 lbs. 63.00-65.00. Good 59.00-63.00. Couple lots Standard and Good 975-1150 lbs. Holsteins 52.00-57.00.

SLAUGHTER HEIFERS: Choice, including Prime 2-4 900-1050 lbs. 63.00-65.00 lot and part load 950-1050 lbs. 65.25-65.50. Mixed Good and Choice 2-3 850-1075 lb. 61.00-63.00. 750-900 lbs. 55.00-61.00. Good 58.00-62.00.

COWS: Utility and Commercial 2-3 39.00-45.00, closing 39.00-42.50. Cutter 38.00-44.00, late 38.00-41.00 Canner and Low Cutter 35.00-39.00.

BULLS: YG 1-2 1200-1600 lbs. 47.00-55.00.

## Special Feeder Yearling Sale

**Harrisonburg, Va.**
**Tuesday, July 21**
**Report supplied by VDA**

There were 738 head sold. All cattle were graded by Representatives of the VDAC's Division of Markets, Livestock Section on USDA standards and sold by the hundredweight.

STEERS: Medium Frame 1 400-500 lbs. $67.00; 500-600 lbs. $64.00-70.00; 600-700 lbs. $64.00-73.00 mostly $69.00-73.00; 700-800 lbs. $63.25-66.50; 800-900 lbs. $59.50-64.75; 900-1000 lbs. $57.00-61.00. Large Frame 1 600-700 lbs. $64.50-70.00; 700-800 lbs. $63.50-68.50; 800-900 lbs. $57.50-63.00; 900-1000 lbs. $56.00-60.25; 1000-1100 lbs. $56.00-57.00; 1226 lbs. $59.00. Small Frame 1 400-500 lbs. $71.00-71.50; 500-600 lbs. $72.50-$73.50; 600-700 lbs. $64.50-69.75; 700-800 lbs. $58.00-62.50; 800-900 lbs. $57.00. Medium & Large Frame 2 600-700 lkbs. $62.00-64.50; 700-800 lbs. $58.50-$64.50; 800-900 lbs. $53.50-55.00; 900-1000 lbs. $56.00. Large Frame 1 400-500 lbs. $58.00; 500-600 lbs. $51.50-52.50; 600-700 lbs. $49.50-$54.50; 700-800 lbs. $50.50-53.50. Medium Frame 1 400-500 lbs. $54.00; 500-600 lbs. $53.00-54.50; 600-700 lbs. $49.00-53.25; 700-800 lbs. $47.50-54.00. Small Frame 1 500-600 lbs. $44.00-50.50 mostly $50.50; 700-800 lbs. $44.75-46.00. Medium & Large Frame 2 500-600 lbs. $51.50.


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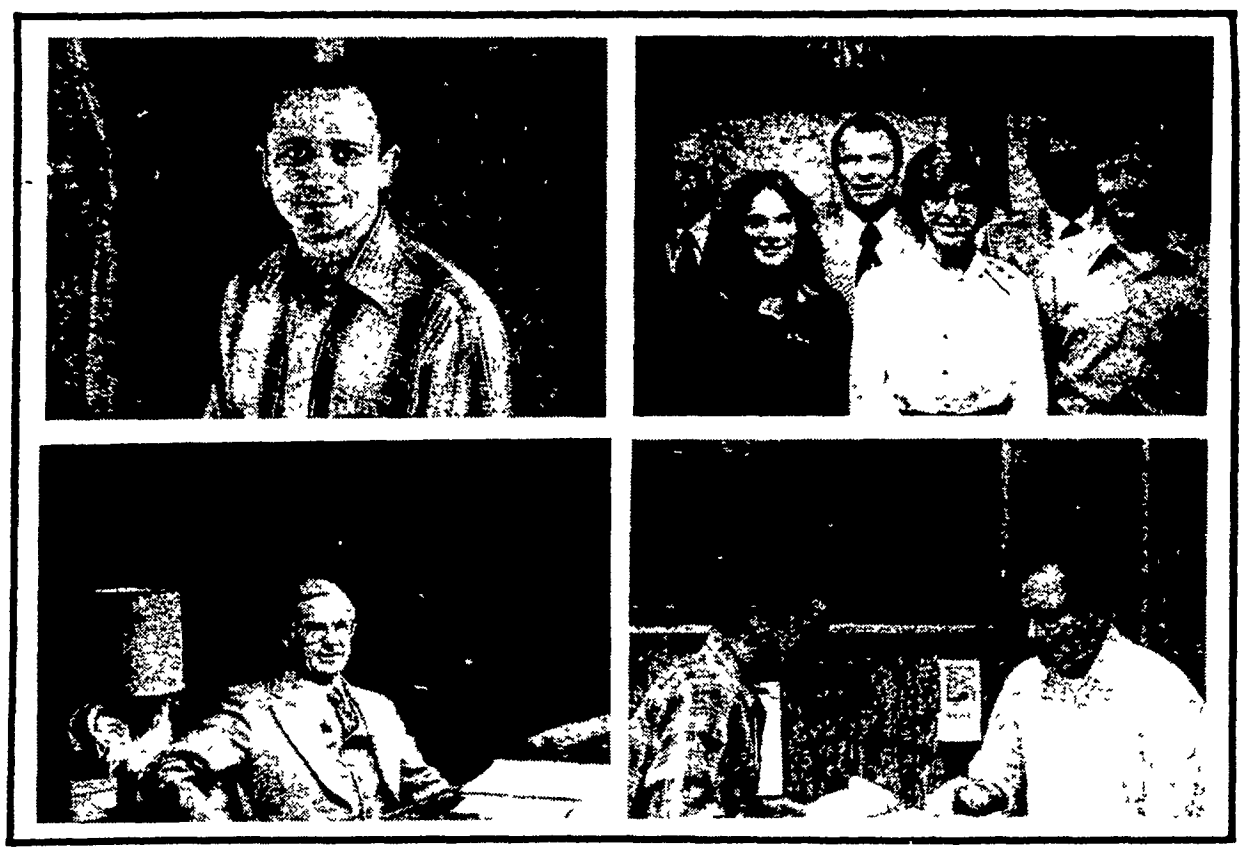



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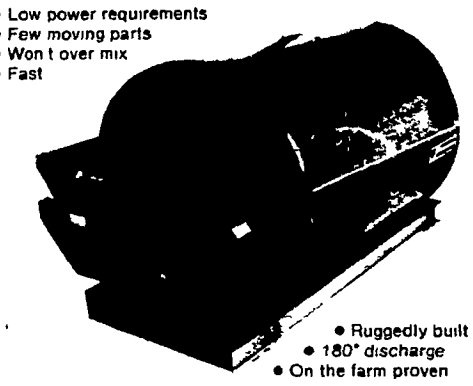

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# Off the Sounding Board

By Sheila Miller, Editor

## Don't get stung

Remember the movie that appeared on the big screens throughout the nation a number of years back called "The Sting" that depicted the razzle-dazzle times of the 1920's?

For those with short memories for movie titles, calling to mind the stars' names — Redford and Newman — might help to bring back memories of the Academy Award winning film for most fans of Hollywood's most celebrated male actors.

But, if this, too, fails to help you recall the plot, a quick review would go something like this.

The story evolves around two felons, one an experienced, big-time con artist, the other a fledgling thief who's taken under the wing of the first. With the aid of other convicts and bunko artists, the pair manages to cunningly swindle the biggest 'fish' in New York City, a mob leader.

Well, that short review doesn't do justice to the exciting, involved plot that unfolds the tale of one of Hollywood's masterpieces. But it does set the stage for a surprisingly similar situation that is being acted out in Pennsylvania's farm community today.

Although the elaborate set and the handsome actors are missing from this scene, the plot is much the same. A 'pigeon' is singled out by a group of swindlers and the play to take the money and run begins.

The con artists are disguising themselves as reputable business people in this act, and are using the current economy as a backdrop in order for their scam to succeed. They're offering folks, especially small businesses, farmers, and families looking for a home, what is an 'unbelievable' deal — low interest rates of 8 75 percent when commercial lenders are charging around 19 percent.

The Pennsylvania Farmers' Association has warned its members to be "extremely cautious" before becoming a borrower when approached by a purveyor of low-interest money. In their recent newsletter, PFA has reported the Pennsylvania Department of Banking is currently working on an investigation involving these "unknown lenders."

"Similar operations are under investigation in Indiana and Ohio," reports PFA "At least 60 Indiana farmers and another 24 in Ohio have not received low interest loans after paying $1,000 each to secure their loans plus application fees of several hundred dollars. Farmers in New York, Minnesota, Wisconsin, Colorado, and New Mexico have also reportedly applied for similar low interest loans."

Unlike Hollywood's version that kept its audience rooting for the underdogs Redford and Newman, in today's drama the villains truly are the bad guys and unsuspecting, trusting farmers are the ones that need support.

A word to the wise is sufficient, they say. In this case, we'll make an exception and use two words — "Be skeptical", at least until a legal service has checked every dotted 'i' and crossed 't' for you.

The same skepticism needs to be employed when approached for donations from groups claiming to represent the farm community.

It has been brought to our attention that a person "representing" the U.S Chamber of Commerce has been calling on local farmers requesting contributions in the amount of $125 minimum. These funds are said to be going toward lobbying efforts for ag legislation in Washington, D.C

According to an informed source, this person is using the reputation of local Ag Chamber of Commerce Councils to get a foothold, even though his group has no connection with the local Chamber

"This person is telling farmers the U.S. Chamber of Commerce is supporting 75 percent parity and is supporting the Senate Bill," reports the source. "When we checked with the U S Chamber office in Washington, which is more interested in business than farming, we learned the only mention the U.S. Chamber has of agriculture in their lobbying efforts is that the Secretary of Agriculture should have the discretion to make a semi-annual price adjustment in dairy pricing."

The question here is not whether it is right or wrong to contribute to the U.S Chamber, but is there a sound reason to donate funds? If a farmer's hard-earned dollars are going to support ag lobbying efforts in legislation, aren't they better invested in well-established farm representatives such as the American Farm Bureau Federation, Grange, National Council of Farmer Cooperatives, Farmers' Union, and other similar lobbying organizations whose interests are strictly for the farmer?

We commend farmers for taking an interest in their futures through legislative policy-making channels and also for being shrewd business people who try to make the most profitable investment decisions. Farming is a legitimate business with few ways of taking people across

Unfortunately that can't be said for other businesses in this free enterprise system So be cautious and careful — don't get stung

## HAY HAWS

"Which pest gives me the most trouble? That's an easy one to answer — any guy who bugs me for money."

## THE BIBLE SPEAKS

BY LAWRENCE W. ALTHOUSE

**JUSTICE FOR THE STRANGER**

**August 2, 1981**

**Background Scriptures:**
Deuteronomy 16:18 through 17:20; 24.1-22
**Devotional Reading:**
Isaiah 55:1-9.

When I was a boy I knew a little about the legendary Satchel Paige. I remember that my father told me he was one of the greatest baseball pitchers of all time. I also knew that he was black (in those days "Negro" was the proper term) and that because of this he had never played in the major leagues, although my father told me that he had appeared against some major league all-star teams in exhibition games and struck-out all of the big stars.

But for some reason, I cannot recall that I felt any overwhelming sense of injustice that this great athlete was denied his opportunity because of his color. Perhaps I did, but I can't recall it. Maybe I simply accepted that's the way things were.

**One of Your Brethren**

A few evenings ago I was watching a television presentation of the life of Satchel Paige. As I watched this man's story, I was overwhelmed with a sense of shame and indignation as I realized that "the way things were" in those days— whatever else we might say about them—was terribly unjust.

Worst of all, however, was the realization that Satchel Paige's story is but a symbol or token of the monstrous injustices endured by the black people of this country, despite the prevalence of this nation's Judaic- Christian heritage which is founded so strongly on the concept of justice— particularly justice for those who do not have the power to grasp it for themselves: "you shall not pervert the justice due to the sojourner or to the fatherless, or take a widow's garment in pledge..." (Deuteronomy 24:17).

Justice between equals is assumed, but what the ancient law of Israel was particularly concerned with was justice between the have and the have-not, between the strong and the weak: "You shall not oppress a hired servant who is poor and needy, whether he is one of your brethren or one of the sojourners who are in your land..." (24:14). It is one thing to refrain from being unjust to a family member, neighbor or friend, and something else to refrain from taking advantage of someone who seems permissible "fair game".

**For He Is Poor**

Furthermore, the law is concerned, not only with outright oppression, but the more subtle kinds of injustice. For example: "you shall give him his hire on the day he earns it, before the sun goes down (for he is poor, and sets his heart upon it); lest he cry against you to the Lord, and it be sin in you" (24:15). Because he is weak and you are strong, it is unjust to take advantage of him or to stand by and permit someone else to do so. It is sin!

**But you can't legislate morality, can you?** Apparently Deuteronomy thought so: "When you gather the grapes of your vineyard, you shall not glean it afterward; it shall be for the sojourner, the fatherless and the widow" (24:21).

## NOW IS THE TIME

By Jay Irwin

Lancaster County Agriculture Agent
Phone 717 394-6851

**TO PREPARE THE SILO**

The corn crop is developing rapidly and soon it will be silo - filling time. The condition of the silo should get some attetion before the new crop crop is ensiled.

Many of the concrete silos may be pitted and have a rough inside surface. This will allow air pockets and cause moldy silage. Some inside joints may need to be repointed in order to keep out the air and have a smooth surface.

Don't wait until the silo filler is coming before you make these repairs.

Silage is one of the best and most economical feeds on our farms today; let's not spoil it after it is in the silo.

**TO RENOVATE OLD PASTURES**

Permanent pastures that contain poor stands of grasses and weeds, can be renovated and re-seeded with good results during late August and early September in this part of the country. The old sod should be destroyed by plowing, discing or killing with a herbicide, and a good seed bed prepard.

Lime and fertilizer should be applied according to a complete soil test. Early fall is one of the best times to make a new seeding of pasture or other turf. The cooler weather of the fall, along with normally extra mositure, will give the new plants a good start well before cold weather arrives. These plants will stand the heat of next summer better than a spring seeding.

**ORDER LATE SUMMER AND FALL SEEDS**

The late summer and fall seeding season is rapidly approaching. We should be making plans now for the August seedings of altalta. Winter barley and wheat seedings should be planned and orders placed for the right kind of seed.

Don't wait until seeding time and then discover the supply is exhausted. We strongly suggest certified seed so you realize the most from the fertilizer and other imputs.

If you plan to use home-grown seeds, they should be tested at the Pennsylvania Department of Agricultural seed laboratory. Don't waste time and money on poor quality seed, you also could be spreading disease and weed seeds.

**TO BEWARE OF LIGHTNING DANGER**

High temperatures often bring severe thunder and lightning storms, we've had some in recent weeks and no doubt there will be more to come. Parents need to warn their youngsters of the danger of standing under a tree or swimming in a pond or creek before and during a storm. Safety in a truck, car or a building should be encouraged as the storm approaches as well as during the storm. Stay away from electric fences and farm equipment that is out in the open.

Buildings with lightning rods should be checked to be sure the rods are grounded in moist soil and free of debris that would prevent the cable from taking the charge into the ground.

Electrical storms are dangerous and safety measures should be adopted.

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# Letters To The Editor

## *Cornucopia counterpoint*

In a June 6 letter to Lancaster Farming, Eugene Gayman of the Pennsylvania Farmer's Association called our Cornucopia Project study of the Pennsylvania food system "wishful thinking," and accused us of wanting to "turn back the clock hundreds of years" because we suggest that Pennsylvania needs to become more self-sufficient in food production.

Aside from his misunderstanding of our report, it is Gayman's thinking that is outdated.

Under the present system, we buy food products from other states, and they buy from us. There is nothing wrong with this method, in theory and, to a limited extend it will cretainly continue. But in practice, the current system is terribly wasteful of energy, and a bad economic bargain for Pennsylvania and its farmers.

Our study showed Pennsylvania imports over 70 percent of its food. Last year we spent $8.4 billion on food from outside the state, with more than $400 million paying just for transportation. By contrast, we sold only $1.9 billion worth of Pennsylvania food products to other states. So our food system ends up being a major drain on the state economy.

Because so much food moves across the country, our system is energy intensive. For every $2 we spend on energy to grow food, we spend another dollar on energy to move it around. Shipping food doesn't improve its quality, but it does increase the price. It costs about $4, for example, to grow a box of California lettuce, but we pay at least $4 more just to get it here.

By letting other states produce most of our meat, vegetables, and fruits, we also put ourselves in a vulnerable position. A transport strike, energy shortage, or fruit fly epidemic could cut us off from essential food.

To suggest the Pennsylvania farmer be given a better break when competing against the subsidized agricultural systems of other states, to point out that the Pennsylvania farmer and consumer would be better off if more of our food were produced in-state, is not turning the clock back but dealing with present day economic realities. It is curious to us how someone purporting to represent Pennsylvania farmers and their best interests would be so interested in maintaining the present system — wherein the Pennsylvania farmer is distinctly disadvantaged.

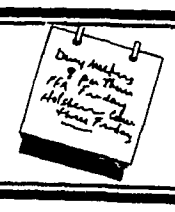
Ten years ago, U.S. automakers were riding high, earning billions by selling big, inefficient cars. When some people warned of a coming energy shortage, the car companies responded by saying "we've always done it this way." Then the gas crisis hit, and now we have a stricken industry — Chrysler is on welfare, Ford and GM are struggling, and sales of small import cars are higher than ever.

Gayman wants to ignore the reality of a changed world, where oil prices will only go up, and supplies will always be limited. Our current food system made sense when gasoline was plentiful and cheap, but it doesn't any longer.

Pennsylvania will never be totally food self-sufficient, and we don't recommend that as a goal. But we think it makes good sense to do all we can to preserve our farms and farmland, increase our self-reliance, and have a system that is as energy-efficient as possible.

**Medard Gabel**
**Director**
**The Cornucopia Project**

# Farm Calendar



**Saturday, August 1**

Western Pa. Holstein Show, Bulter.

PA Nut Growers Picnic, Miles Nolt Farm, Manheim, open to the public, all day long, for more information phone: 665-5760.

PA Beekeepers Summer Picnic and Meeting, Lighthouse Youth Center, South of Chambersburg, 9 a.m. - 4 p.m.

York County 4-H Horse Roundup and the Official Opening of Spring Valley Park, Shrewsbury, 9 a.m.

Sussex County New Jersey Farm and Horse Show, through August 9.

Adams 4-H Swine Show & Sale, show begins at 8 a.m., sale at 7 p.m., South Mountain Fairgrounds.

**Sunday, August 2**

Soil Conservation Society of America's 36th Annual meeting, Sheraton Spokane, Spokane, Washington, continues through Wednesday.

Uion County West End Fair, Laurelton, until Wednesday.

**Monday, August 3**

Inter-State Milk Cooperative member picnic, Dorney Park, Allentown.

Morrison Cove Dairy Show, Martinsburg, until Friday.

Clearfield County Fair, Clearfield, until Saturday.

Stanton Community Fair, New Stanton, until Saturday.

Intensive Alcohol-Fuel Workshops, Wilson College Campus, Chambersburg, until Friday.

**Tuesday, August 4**

Pork Value Conference, Mariott Hotel, Des Moines, Iowa, continues tomorrow.

Lancaster County Guernsey Breeders Field Day, Romella Farms, 10:30 a.m., for more information contact Ken Garber, 717/464-2894.

Twilight tour, Alfalfa weed demostration/research plot, Everett Basham Farm, Cecil County, MD., 7:30 p.m.

Lancaster County Farm Women Picnic, Lampeter Community Grounds.

Lebanon County Holstein Field Day, 7 p.m. Harvey Bomgardner Farm.

**Wednesday, August 5**

Lancaster Conservation District Monthly Board Meeting, 7:30 p.m. Farm and Home Center

Delaware Ag Progress Day, University of Delaware Experimental Farm, Newark, De., 4-8:30 p.m.

4-H Achievement Fair, Flemington County New Jersey Fairgrounds through Saturday, for more information contact 201/788-1340.

Berks County FFA Market Hog Show and Sale at Leesport Auction, Show at 10 a.m., sale at 6 p.m.

**Thursday, August 6**

Dauphin County 4-H Round-up, Farm Show Complex, 8-10:30 a.m., continues Friday and Saturday.

(Turn to Page A34)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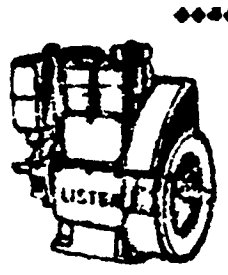

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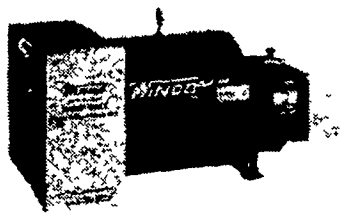

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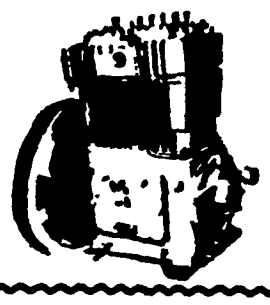

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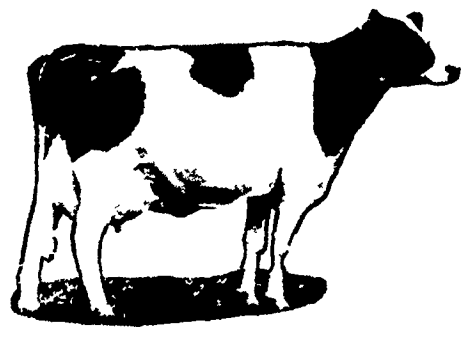

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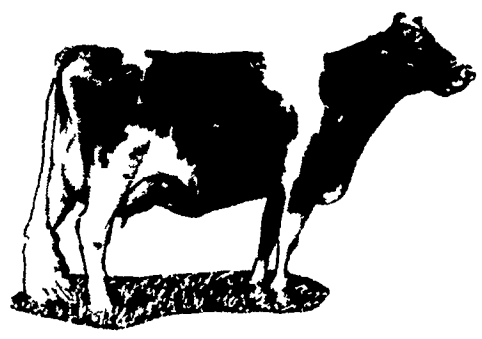

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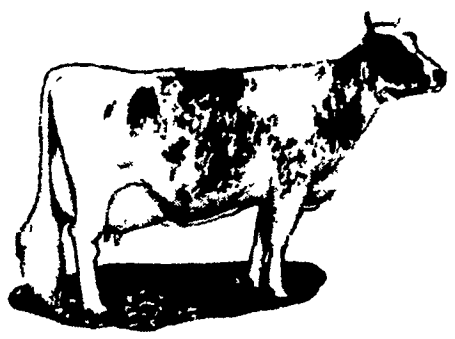

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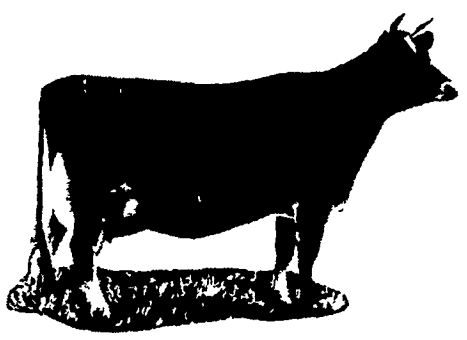

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RELIABLE FLORIN FEEDS

# Livestock market and auction news

## Oklahoma Cattle

**Thursday, July 30**
**Report supplied by USDA**

| | |
|---|---|
| Estimated Receipts | 4200 |
| Same Day Last Week | 4225 |

Feeder Steers and Heifers firm to 1.00 higher in active trading. Buyer attendance broad. Bulk supply Medium Frame 1 and Mixed 1-2 500-900 lb. Feeder Steers and 450-750 lb. Heifers.

FEEDER STEERS: Medium and Large Frame 1 375-500 lb. 66.50-70.00; lot 465 lb. 72.20; 500-600 lb. 62.00-66.00; 600-700 lb. 63.00-64.25; 700-800 lb. 62.00-63.70; 800-900 lb. 60.80-62.30, lot 805 lb. 62.90, lot 705 lb. 64.30; 900-955 lb. 60.80-61.30. Medium and Large Frame Mixed 1-2 395 lb 62.75; 500-600 lb. 58.00-63.20; 600-800 lb. 59.75-62.75; 800-960 lb. 57.50-60.80. Medium and Large frame 2 580 lb. thin 61.60; 500-775 lb. 57.00-59.75. Large Frame 2 Holsteins 800-815 lb. 50.75-51.75.

FEEDER HEIFERS: Medium and Large Frame 1 400-500 lb. 55.00-59.10; 500-600 lb. 54.50-57.80; 600-770 lb. 56.00-58.95 several 57.30-58.30. Medium and Large Frame Mixed 1-2 450-500 lb. 51.00-51.25; 500-700 lb. 52.00-56.00. Medium Frame 2 510 lb. 50.00; 565 lb. thin 53.50.

FOR THE WEEK: Feeder Steers and Heifers 1.00-4.00 mostly 2.00-3.00 higher. Late trading active. Slaughter Cows steady Utility and Commercial 2-4 40.00-44.00; low dressing 38.00-40.00; Cutter 1-2 38.50-42.50; Canner and Low Cutter 35.00-38.80. Bulls fully steady YG 1-2 1050-1800 lb. 50.00-55.00. Lean high cutability 1's 55.00-58.75. Salable receipts this week near 15,400 head compared with 16,972 last week and 27,199 last year. Feeder Cattle and Calves made up 89% of the run, Cows and Bulls 11%.

## Weekly Cattle Review

**Thursday, July 30**
**Report supplied by USDA**

| | |
|---|---|
| Receipts This Week | 3,700 |
| Week Ago | 3,600 |
| Year Ago | 5,200 |

Compared to the previous weeks close, Slaughter Steers .50-1.00 lower Slaughter Heifers fully .50 lower. Cows 2.00 lower. Few Bulls firm to 1.00 higher. Slaughter supply mainly Choice 2-4 1000-1175 lb. Steers with several lots Mixed Good and Choice; around 35% Heifers and 15% Cows.

SLAUGHTER STEERS: Mixed Choice and Prime 2-4 1050-1225 lbs. 65.50-66.50, closing 65.50. Choice 2-4 1000-1250 lbs. 64.00-66.00, closing sales 64.00-65.50; 900-1000 lbs. 63.00-65.00, closing 63 00-64.00. Mixed Good and Choice 2-4 900-1175 lbs. 63.00-65.50. Good 2-3 900-1150 lbs. 61.00-64.00. Mostly Good 2-3 1075-1275 lb. Holsteins 54.00-58.50, couple packages 60.00.

SLAUGHTER HEIFERS: Mixed Choice and Prime 2-4 875-1050 lbs. 62.50-63.50, closing 62.50-63 00. Choice 2-4 850-1050 lbs. 61.50-63.00, closing 61.50-62.50; 800-850 lbs. 56.00-61.00, closing sales 56.00-60.00. Mixed Good and Choice 2-3 700-1000 lbs. 59.00-62.00. Good 2-3 700-950 lbs. 55.00-60.00.

COWS: Closing week sales; Utility and Commercial 2-4 38.00-42.00. Boning Utility 1-2 42.00-43.00. Cutter 1-2 38.00-41.00. Canner and low Cutter 1-2 35.00-38.00.

BULLS: Limited supply yield grade 1-2 1075-1800 lbs. 50.00-56.00, closing 51.00-56.00. Few yield grade 1 56.00-57.00.

## Central U.S. Carlot

**Wednesday, July 29**
**Report supplied by USDA**

Compared to Tuesday's 4:00 report: steer & heifer beef 1.00 higher, except Choice 4 steady. Demand and trading moderate to good with packers bullish. Supplies light to moderate, but bulk of sales for close up deliveries. The boxes beef carcass cutout value declined $.70 to an estimated $107.46 per cwt.

Sales reported on 118 loads of steer and heifer beef.

**STEER BEEF**
**87 Loads**
FOB Omaha Basis

Choice 3: 600-900 lbs. 104.00-105.00, late 105.00 1.00 higher.

Choice 4: 600-900 lbs. 96.00 steady.

Good 2-3 600-900 lb. 96.50-99.50, late 99.50 1.00 hgiher.

Choice 2-3 500-900 lbs. 97.50-100.00 (Hols.)

Good 2-3 500-900 lbs. 95.00-97.00 (Hols.)

**FOB Amarillo Basis**

Choice 3: 600-700 lbs. 102.50-104.50, bulk 102.50-103.50.

Choice 2: 600-700 lbs. 104.00-106.00.

Good 2-3 600-900 lbs. 99.50.

**HEIFER BEEF**
**31 Loads**
FOB Omaha Basis

Choice 3: 500-700 lbs. 101.00-102.00, late 102.00, 1.00 higher.

Choice 4: 500-700 lbs. 94.00-95.00

Good 2-3: 500-700 lbs. 94.50-97.00, late 97.00, 1.00 higher.

**FOB Amarillo Basis**

Good 2-3 500-700 lbs. 97.00.

Cow beef steady in midwest compared with Monday. West Coast sales 1.00-2.00 lower than late last week.

**COW BEEF**
**9 Load**
**FOB Omaha Basis**

Utlty Brkg: 450/up lbs. 75.50 (West) 1.00 lower than last week.

Utlty Bng 400/up lbs. 78.50 (West) 1.00-2.00 lower than last week.

Utlty Bng 400/up lbs. 82.00 (Midwest) steady.

Cnnr&Cttr 350/up lb.s 83.00 (Midwest) steady.

Cnnr&Cttr 350/up lbs. 79.50 (West).

**FOB Amarillo Basis**

Utlty Brkg 450/up lbs. 76.50 (Wwest) 2.00 lower than last week.

Utlty Bng 400/up lbs. 79.50 (West) 1.00 lower than last week.

**BULL BEEF**
**1 Load**
**FOB Omaha Basis**

Bull 1 500/up lbs. 87.50-88.00.

**PRIMAL BEEF CUTS**
**6 Load**
FOB Omaha Basis

HINDS (H) 120-170 lbs. 118.00.

FORES 130-210 lbs. 89.50

ARM CHUCKS: 75-120 lbs. 82.00.

**BONELESS PROCESSING BEEF/BEEF TRIMMINGS**
**5 Loads**
FOB Omaha Basis

50% chem lean, fresh 49.00-50.00.

**FOB Amarillo Basis**

50% chem lean, fresh 48.50.

Compared to Tuesday's 4:00 report: Fresh pork loins 17/dn lbs. steady to 1.00 higher, 20/up lbs. 2.00-3.00 higher. Picnics 4-8 lbs. 1.00-2.00 higher. Boston Butts steady to .50 higher. Fresh hams not fully established. Sdls. bellies steady, trading slow, demand good for loins, picnics and bostom butts, however, demand moderate for hams and bellies. Sales reported on 28 ½ loads plus 12 ½ lods of trimmings & variety meats.

**FRESH PORK CUTS**

LOINS: 14/dn lbs. 104.00, steady; 14-17 lbs. 102.00-mostly 103.00; steady - 1.00 higher; 20/up lbs. 67.00-68.00, 2.00-3.00 higher.

PICNICS: 4-8 lbs. 56.00-57.00, 1.00-2.00 higher.

BOSTON BUTTS: 4-8 lbs. 83.55 steady; 8/up lbs. 74.50, .50 higher.

SKINNED HAMS: 26/up lbs. 79.00.

BELLIES, SDLS: 14-16 lbs. 55.00, steady; 16-18 lbs. 54.00, steady.

BNLS CUT BUTT: 4.5-6 lbs. 121.50 frozen.

**VARIETY MEATS**

LIVERS: Large box 11.50.

HEARTS: 51.50.

CHITTERLINGS,: 10 lb. box 40.00.

**PORK TRIMMINGS/ BONELESS PROCESSING (Chemical Lean)**

42% lean trimmings fresh 50.00.

72% bnls picnics fresh 81.00-82.00.

Skinned jowls frozen 49.50.

85% blade meat torzen 103.50.


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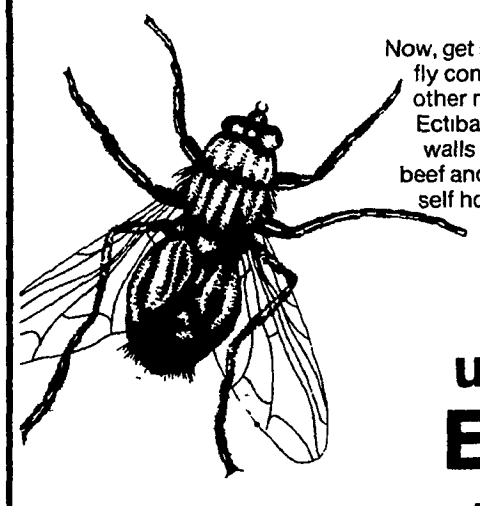

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# PAFC visits Ricecrest Farm

BY SALLY BAIR
Staff Correspondent

CHAMBERSBURG — The Ricecrest Famrs dairy operation near New Franklin is one which from a very small herd to an enterprise which now boasts 150 milking cows and supports two families.

The key to the operation, which is a partnership owned by Fred E. and his brother Dale, is innovative approached and sound management decisions.

J. Fred Rice, the present partners' father bought his own 85-acre farm in 1962, after having rented a farm, worked in partnership with another farmer and worked on other farms. He was raised in towns but was determined to become a farmer.

From 1976-1980 he and Fred had a legal partnership and in 1980 the senior Fred sold his halt of the partnership to son Dale. J. Fred raises feeder pigs on the tarm and serves as part time help.

For Fred and Dale, cows are the most precious asset of the their operation. Fred points out that in their latest farm analysis, 47 percent of their total net worth is in their cattle and nine percent is in machinery.

When 33 young farm couples visited their tarm this week as part of the Pennsylvania Association of Farmer Cooperatives' "Co-op Couples Confernece," the brothers pointed to some ot their successes in their two-year partnership.

Their June Dairy Herd Improvement average was 17,900 pounds of milk and 662 pounds of fat. The cows are milked in a double-six herringbone milking parlor, using automatic take-ott units.

The Rices split their herd into two groups, with the top 104 producers being housed in a new drive-through teeding building with self-locking stalls. A total mixed ration will be ted to the cows there.

Fred explained to the visiting couples that they teel there will be advantages to their new housing arrangement in breeding, vaccination, blood testing and other herd checks necessary to overall good herd management. In the top producing group they are top dressing tor cows over 70 pounds.

The "tail-enders," numbering approximately 35-40 cows, are housed in a separate free stall building. Dale explained that these constitute the low 35 cows in production, those at the end ot their lactations and others.

There is a dry cow and heiter lot from which the cows are brought in once a day, tied and checked tor mastitis. Cows freshen in the pasture which is adjacent to the barns and the house. From December to March, cows freshen in stalls.

Calves are raised in a eight-year-old calf barn, specially ventilated with individual stalls. Mrs. J. Fred Rice is responsible tor teeding the calves and the mortality rate is 2 percent.

While the Rices do not believe in investing heavily in equipment, last year they began baling large round bales and have been pleased with the results. Fred says, "You can save the leaves and get better quality hay. We use an applicator and feel it is worth it, but you must know what moisture you're working with." They have found they can bale a lot at night.

About the round bales, Fred notes, "They're tight. You have to be more caretul with round bales." For teeding, they use a bale unroller Heifers and dry cows teed it as is. Fred says, "They eat the bale."

Owning 120 acres and renting 215 acres, the Rices have 140 acres in altalta, 165 in corn, 10 in barley and 80 acres are double-cropped — 36 acres of rye to corn and 44 acres ot altalfa to corn.

They use a combination ot silos and trenches about which Fred says, "It's not ideal, but we got caught with it." He added that he personally preters trenches, but that they take good management. Haylage is stored in the trench, with the upright holding corn silage.

There is a teed center on the tarm, where their total mixed ration is combined. They buy supplement in bulk and store their acid-treated corn in open bins in the barn. Fred says, "The acid treatment preserves the shelled corn." They usually like to harvest the corn in November, with the moisture content "the lower the better" but usually in the low twenties. The system works out well tor their custom operator because they can use him two weeks later than most others.

Before going into the partnership with his father, Fred worked for the USDA in Baltimore, returning to work on his father's tarm which then had 25 cows in the herd. After marrying in 1971, Fred rented an adjacent 130-acre tarm, and bought about 6-8 cows annually to build up the herd. He and his wife have two children Allen, 5, and Darren, 20.

Dale graduated in 1979 from Penn State with a B.S. in Animal Science, and formed the partnership with Fred atter working for one year with his brother and father. He is now herdsman for Ricecrest Farms.

"The PAFC-sponsored tour learned that Ricecrest markets their milk through Lehigh, and purchases many ot their supplies from Agway, of which Fred is a committeeman. He serves on the resource promotion committee for Atlantic Breeders Cooperative. Sire Power is also used in their breeding program.

For Ricecrest, astute management and a genuine concern for the well-being ot their cows has build their operation into an efficient dairy herd.

Fred Rice discusses his farming operation with young cooperative couples who visited Ricecrest farm as part of a two-day conference in Chambersburg sponsored by the Pennsylvania Association of Farmer Cooperatives.


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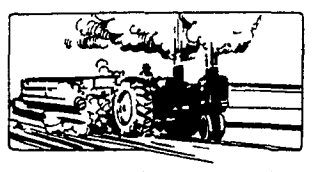

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# Can heat synchronization work for sheep

BY LAURIE DOBROSKY

LITITZ — Now that the longest day of the year has come and gone, farmers and livestock are being subtly reminded the days are getting shorter and the nights cooler.

This annual phenomenon not only triggers sheep throughout the state to have 'romantic' inclinations, but it causes shepherds to ponder their lot in life as they 'look forward' to those cold nights spent in the barn watching for lambs. These winter-vigil reminiscences that last for weeks and sometimes months until all the lambs arrive prompt each shepherd to ask themselves if there isn't a better way?

The answer to those shepherds' questions (and prayers) may be on the horizon in the form of hormones for heat synchronization. Researchers at various universities and at laboratories of private sheep organizations have been looking at a number of possibilities — one in particular is prostaglandin, known commercially as Lutalyse.

Used in common practice on beef cattle and non-lactating dairy cattle, Lutalyse is used to control the time of the estrus cycle and ovulation in reproductively cycling cattle.

In cattle, its basic purposes are to bring females into heat and to synchronize the estrus cycles in a number of animals so calving will occur within a short interval.

Since Lutalyse works only in cycling animals this presents a major problem for most sheep producers where ewes don't come in heat every 21 days like cattle. In nature, sheep are brought into estrus cycles by a decrease in the amount of daylight. This occurs at only one time of year — in late summer and fall.

According to Penn State's Clair Engle, this would mean the product could be used with good results only during August and September. Since the University has done no controlled experimentation on using prostaglandins in sheep, his conjectures are based on the experiences of sheep producers who have voluntarily tried the product on their own.

There is one exception to this rule, however — Dorsets. This breed of sheep will cycle throughout the year. So, on this particular breed, "Lutylase will function the same as in cattle," states Engle.

"This material is not officially cleared for use in sheep," Engle stresses. However, he adds that, to his knowledge, there are very few side effects when used on sheep.

In discussing the potential use of a product like Lutalyse, a University of Pennsylvania veterinarian working at New Bolton Center, Kennett Square, commments how it could be a management tool for shepherds wishing to have all the sheep in a flock lamb at approximately the same time. This would reduce the man-hours spent each year during the lambing season, she says.

Because of their close birth dates, the lambs would have no major size difference due to age. This uniform group of lambs has a better chance of finding a higher-priced market from volume commission buyers than would an assorted group of ages, weights and sizes.

For the shepherd who doesn't want to risk experimenting with a hormone injection to bring sheep into season, there are a number of management practices that can be used to bring sheep into heat about one month earlier.

According to the New Bolton vet, artificial lighting will move the season ahead. However, its becoming an accepted practice among sheep breeders is almost as slow as the changing day length. For those who are using this concept, the sheep are kept in an enclosed building sometime in August and the amount of light is regulated, making the sheep believe it is fall.

"Developing breeds of sheep that reproduce without breeding restrictions, such as season, is slow in development," she stated.

An early introduction of a ram with the ewe flock will start the breeding season a month or so earlier, too. Vasectomized rams can be run directly with the ewes. However fertile rams should be separated from the ewes by a strong fences. Both will achieve the desired effect.

"The use of other hormones, such as progestogenes, will also help advance the breeding season. The length of the luteal phase of the estrus cycle will inhibit the events associated with estrus and ovulation until the corpus luteum occurs. The removal of the inhibiting effects of progesterone is followed by estrus and ovulation," explains the veterinarian.

There are several ways to administer these hormones. The best results have been obtained when 30 mg. of Flourogestrone acetate is administered by placing a vaginal sponge in the canal and leaving it for 12-14 days. After removing the sponge, an injection of 375-750 international units of PMSG (pregnant mare serum) is given to the sheep.

There is some controversy over the use of these sponges, however, and it is advisable for all sheep breeders to consult with their veterinarians.

Flushing is another method that helps to push the breeding season forward along with helping to increase fertility rates, according to Engle. Flushing means giving the ewes a higher energy ration with more total volume of feed. According to Engle, "this (flushing) has the positive effect of multiple births and early cycling of the ewes."

Dr. Tom Yonkers, veterinarian in charge of animal regulatory services for the Upjohn Company, joins Engle in stressing that Lutalyse has not been approved for use in sheep. At the present time there is no petition by the Upjohn company to gain its approval, he notes, even though there is an increasing amount of interest in the product for use in both sheep and goats.

"In my opinion, Lutalyse is probably safe for use in sheep," Dr. Yonkers states. However, he qualified his opinion since it is only based on practical experience, not actual research data and has been tested on only a small number of animals.

Since Lutalyse has not been approved for use in sheep, the Company can give no recommended dosages. Only experimental data on dosages and fertility can be given.

Citing The Sheep and Goat Manual published by the Society for Theriogenology (a fancy word for reproduction), the New Bolton vet notes that a dosage of 8 milligrams of prostoglandin given in two injections was administered 11 days apart in experiments done on sheep. Ewes usually came into estrus 53 hours after the first injection of the material.

Unlike cattle, where prostoglandin can be used throughout the year, the use and effectiveness of the hormone in sheep depends on the time of year. Various studies have shown both sides to the prostaglandin story — both positive and negative. Sheep producers will have to consider whether they are satisifed with nature or want to help it along.

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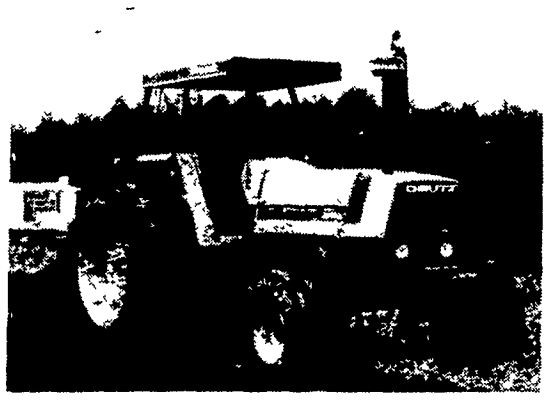

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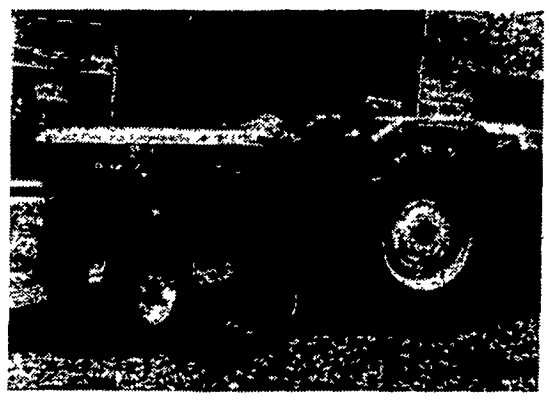

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# Drought, water deficit not over yet

HARRISBURG — Drought, like beauty, is in the eye of the beholder. To the weather watcher, spring rains signaled an end to the drought.

To the farmer, whose indicator is the amount of moisture in the soil, the wet topsoil stimulated crop growth and in his eyes, wiped out the drought.

But to the water supplier and the hydrologist, the drought is not over, and that means it really isn't over for any of us.

State drought response officials were concerned that the spring rains would provide only temporary relief. And that's exactly what happened, according to John McSparran, director of the Pennsylvania Department of Environmental Resources' Bureau of Resources Programming. McSparran said two indicators drought watchers observe - streamflows and groundwater levels - now show the drought is continuing and could be worse this year than last.

McSparran said, "The problem is that we began this summer with a rainfall deficit. Scattered summer showers usually do not contribute to making up that deficit."

McSparran explained streamflows in both the Susquehanna and Delaware River Basins have dropped since the end of June. Streamflows can be used as an overall indicator of water supply levels because in Pennsylvania, particularly in the summer, streams are fed by springs and seepage from groundwater reserves. Groundwater levels, according to McSparran, never recovered from last year's drought, and now cannot feed the normal amount of water into surface streams.

He said although much of the state experienced normal or above normal rainfall for several months this spring, the precipitation did not make up for the deficit accumulated last year. While not downgrading the gains from the rainfall this spring, McSparran says that full recovery did not occur.

February's heavy rainfall ran off the land, melting snow and temporarily increasing streamflows, but could not seep into the deeply frozen ground.

March normally is the time when the spring thaw and rains and melting snow create excellent conditions for renewing groundwater levels. However, this year March was a dry month.

April usually is the best month for recharging the groundwater This year, however, small, scattered rainfalls, while improving soil moisture conditions, did little to recharge the groundwater tables.

May and June were wet months but hot weather had begun, and most of the rainfall evaporated or was used by plants.

"Whether or not the rain that falls is stored depends on timing," McSparran explained. "If we had had our heavy rainfalls in March or April, instead of February, June and July, we would have experienced much greater recovery from the drought."

What all this means is that this spring Pennsylvania had little actual recovery from the drought, although the rainfall did keep it at arms length. Reservoirs are being drawn down because summer is a peak water-use time, and the soil moisture content is decreasing, slowing the growth rate of crops and turning grass brown.

These factors make water conservation important at this time. McSparran advises public water suppliers and industrial water users to start monitoring their water uses carefully, because the need to stretch remaining supplies could be greater now than last year at this time.


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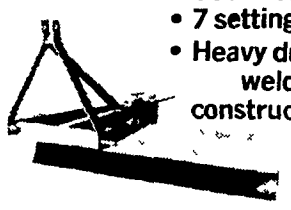

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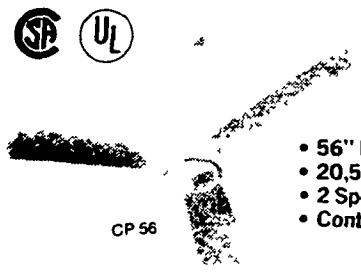

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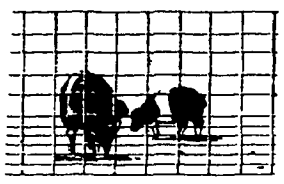

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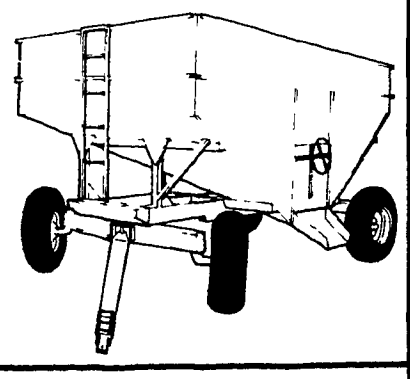

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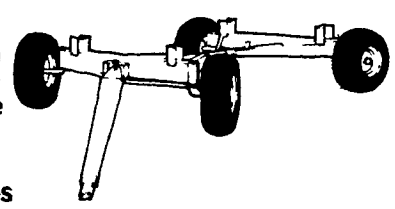

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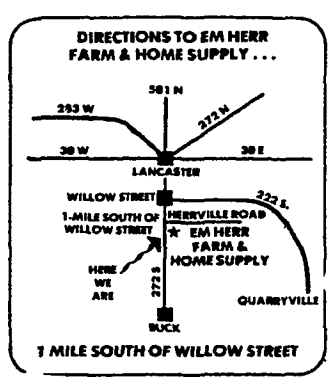


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# Cucurbits are big income on small scale

NEWARK, Del. — The Delmarva Peninsula is the nation's major supplier of late-season watermelons, cantaloupes and muskmelons. It also produces a large volume of fresh market cucumbers. These vine crops are an important income source for many farmers, even though total cucurbit acreage averages less than 10 acres per farm.

Production is labor intensive, largely because of the difficulty of weed control and the need for hand harvesting. Full-season weed control is especially difficult since fresh market vine crops are usually planted in wide rows, so plants don't produce a weed-shading canopy.

There are also few herbicides safe for use on cucurbits. As a result, repeated cultivation and hand hoeing have been the major means of controlling weeds in these crops.

According to weed specialist Dave Regehr of the University of Delaware's Agricultural Experiment Station, weeds add from $112 to $200 an acre to the cost of producing melons and cucumbers. This includes $36 for herbicides and $50 for cultivation and hoeing. The remaining losses are due to herbicide injury, reduction in quality and the overall effect of weed competition.

In recent years there's been growing interest in reducing production costs on cucurbits by more intensive management practices which increase yields per acre. Plastic mulch is used to suppress weeds, promote early yields and enhance fruit quality.

Combining plastic mulch with drip irrigation in the plant row makes it possible for growers to water and fertilize as needed with a minimum of labor and waste. Applying water and nutrients this way has the added benefit of not stimulating weed growth between crop rows. The low water pressure and volume needed for drip irrigation make it feasible to irrigate several acres of melons or cucumbers with no more than a household water system.

Research at the Delaware experiment station has shown that drip irrigation tubing can be placed in the soil below the plow layer, permitting normal tillage operations in the overlying soil. This permits the tubing to remain in place from year to year, thus making it cheaper to use. With effective weed control, farmers can crop the land intensively without having to buy new tubing each year.

U. of Delaware Extension vegetable specialist Mike Orzolek uses fluid drill planter to sow pre-germinated vegetable seeds at Georgetown Substation. Plots of tomatoes, peppers, cucumbers and cabbage started this way will be on view at Field Day August 12.

Field worker hoes check plot in herbicide study at U. of Delaware Georgetown Substation where watermelons are being grown on raised beds with drip irrigation under various herbicide treatments.

In a study now in its final year at the University's Georgetown Substation on drip irrigated watermelons grown in raised beds without a plastic mulch, Regehr has found several new herbicides that appear to give effective weed control with little or no crop injury.

One of these materials — Sonalan — may soon be available for commercial use on a limited basis. Another compound, BAS 9052, has given very effective postemergence grass control and appears to be completely safe on all broadleaf crops. Labeling such a compound could have tremendous impact on vegetable production, he says.

Regehr and two Delaware colleagues — vegetable horticulturist Donald J. Fieldhouse and Extension weed specialist Mike Orzolek — recently received a $32,000 grant from the U.S. Department of Agriculture to conduct a 3-year study of cucurbit production systems suitable for use on small farms. What they hope to come up with is a "recipe" for growing melons and fresh market cucumbers that helps farmers combine the best of available cultural practices in a way that minimizes production costs and at the same time maximizes yields.

The study compares the performance of transplanted, direct seeded and fluid-drilled cucurbits with both shallow, conventionally installed and deep, semi-permanently installed trickle irrigation tubing. It also is aimed at determining the feasibility of using plastic mulched, drip irrigated installations for successive crops over two or more growing seasons. And it is intended to compare the economics and efficacy of various weed control systems on such cucurbit plantings.

Visitors to the University of Delaware's upcoming Farm and Home Field Day, Wednesday, August 12, at the Georgetown Substation will have an opportunity to observe research and demonstration plots involved in both cucurbit studies. Activities start at 9:30 a.m.

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# Beef industry begins work on coordination

KANSAS CITY, Mo. — The beef industry steering committee has begun an effort to achieve greater coordination and effectiveness in addressing all major problems and opportunities which affect industry profitability.

The committee, which held its first meeting last week in Kansas City, was established by representatives of 68 state and national organizations who attended the National Beef Forum last spring.

The steering committee was appointed by and is headed by J. W. (Bill) Swan, president of the National Cattlemen's Assn., and Jim Mullins, chairman of the Beef Industry Council of the National Live Stock & Meat Board. The committee includes two cattle producers from each of seven geographical regions, plus representatives of eight related national organizations.

Swan and Mullins explained that basic objectives of the committee are to:

— identify top priority problems which affect industry profitability;

— identify the activities in which a united industry can most profitably invest its available funds.

— expore all funding methods and sources — including check-offs, membership dues and assessments — and establish long range funding goals;

— outline the strengths and services of involved organizations — with a goal of attaining maximum effectiveness and eliminating any unnecessary duplication; and

— develop formal recommendations for presentation to industry organizations.

At the first meeting, the co-chairman pointed out, the committee began consideration of and action on the listed objectives. The over-all goal, they said, is "increased unity and coordination, in order to help overcome problems resulting from the segmentation of the beef industry, as compared with competing industries."

The steering committee members committed themselves to support greater coordination of all efforts of common interest. They also discussed the allocation of responsibilities, at the national level, in line with the strengths and expertise of the respective organizations. Major action areas discussed included: advertising and sales promotion; export market development; communications, within the industry and externally; beef research and new product development; government affairs; cattle production; and funding and organizational structure.

The committee members there must be greater accountability for results in the various action areas. They endorsed, as an immediate priority, the BIC's planned $7.8 million beef advertising and promotion program in 1982 in the 10 top metropolitan markets. It was pointed out that this will be the industry's first coordinated and ongoing national beef advertising effort, with measurable objectives, of this type.

It was noted that current industry investments nationally — including NCA, check-off funds for the BIC, the U.S. Meat Export Federation and meat packer activities in the beef area — total an estimated $8 million annually. The planned BIC advertising program will bring the 1982 total to about $16 million, or twice the current total.

The committee indicated that, in order to help meet industry problems outside as well as within the promotion area, there must be a strong industry informational program to show the need for increased funding or cooperating organizations. At the next meeting, the co-chairman said, further consideration will be given to the need for additional support.

Cattle industry members of the steering committee are: Region I, Milton Brown, Mt. Pleasant, Mich., and Marvin Berschet, So. Charleston, Ohio; Region II, Jo Ann Smith, Micanopy, Fla., and Jerry Lyon, Ellisville, Miss.; Region III, Lauren Carlson, Chokio, Minn., and Robert Dubbert, Laurens, Iowa; Region IV, John Cargile, San Angelo, Tex., and Robert M. Carter, Plainview, Tex.; Region V, Pat Florence, Twin Falls, Ida., and Curtis E. Meier, LaGrange, Wyo.; Region VI, George Strathearn, Mariposa, Cal., and Donald D. Jackson, Oakdale, Cal.; Region VII, Jack Maddux, Wauneta, Neb., and Dick Pringle, Yates Center, Kansas.

Others attending the meeting were Jean Manchester, National Association of Meat Purveyors; Lemmy Wilson, Livestock Marketing Assn.; Ray Davis, River Markets Group; Al Keating, American Farm Bureau Federation; John Mohay, National Meat Assn.; Dewey Bond, American Meat Institute; Alan R. Middaugh, U.S. Meat Export Federation; Ann Woolley, American National CowBelles.


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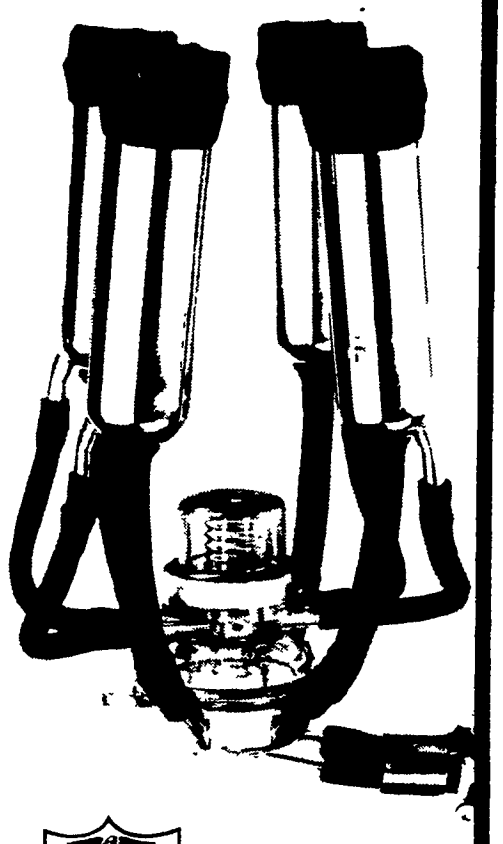

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Bill said that there are some restrictions on purchases, but he believes these lower rates offer an opportunity that farmers won't want to miss. He urges that you visit our dealership to talk about details of the program, its options and the machinery you need.

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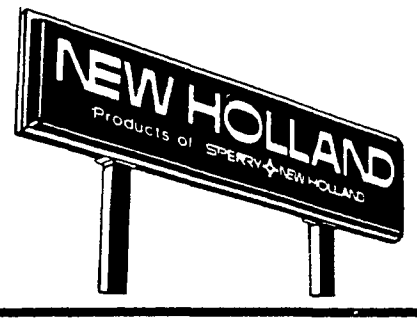


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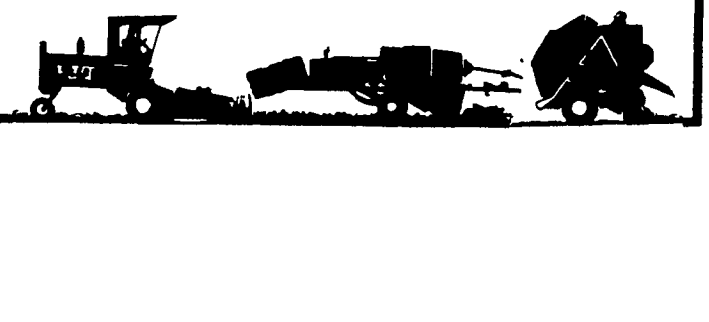

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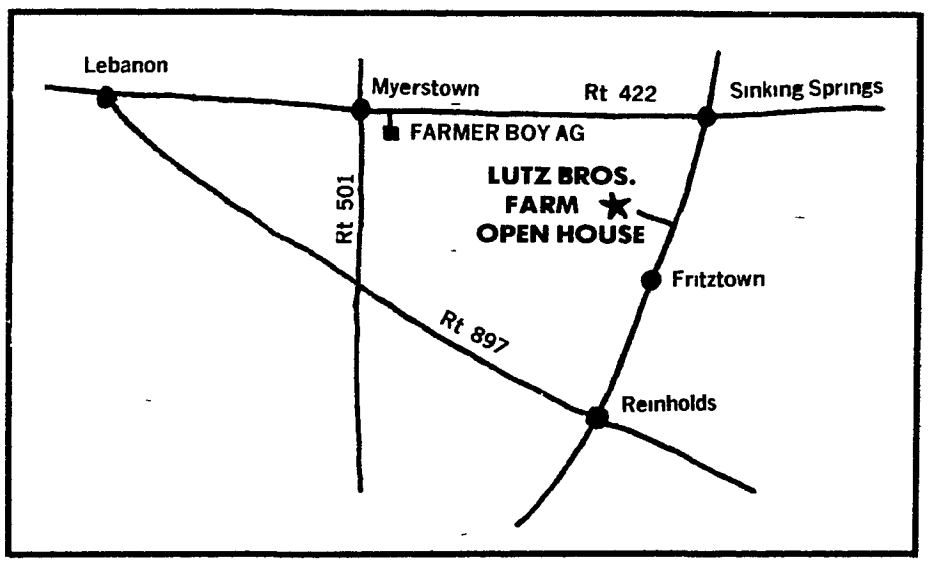


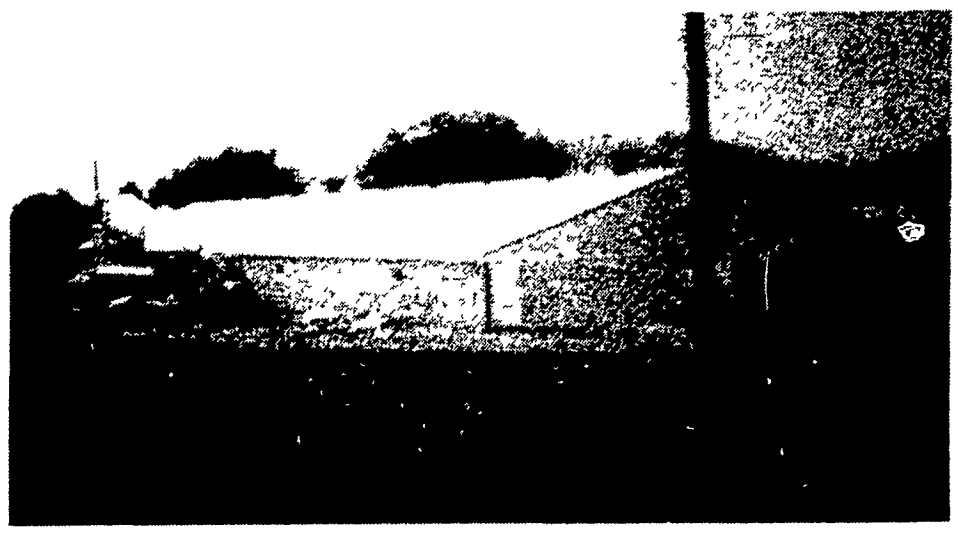

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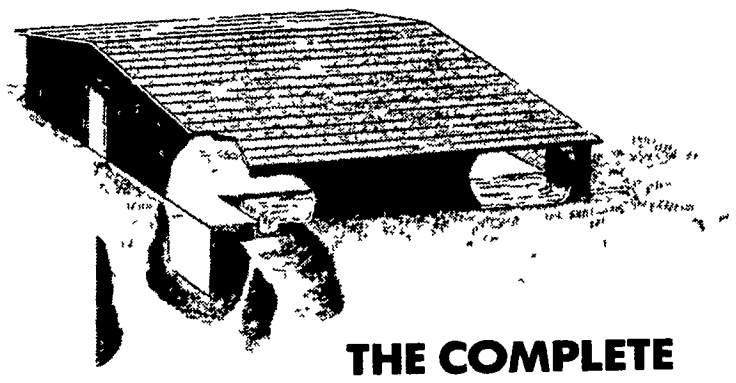

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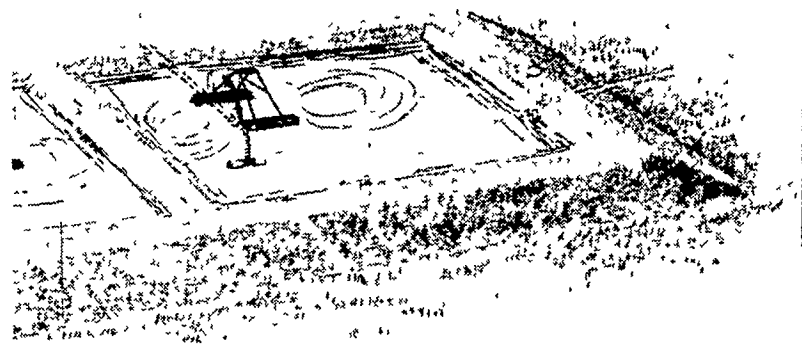

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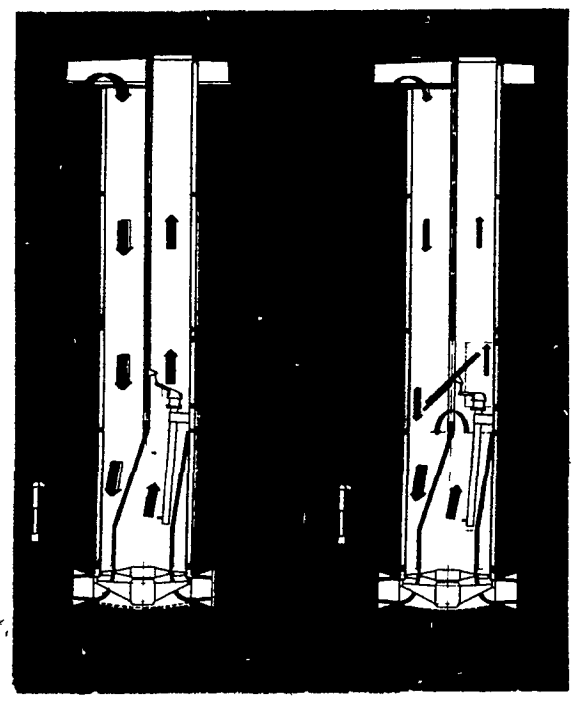

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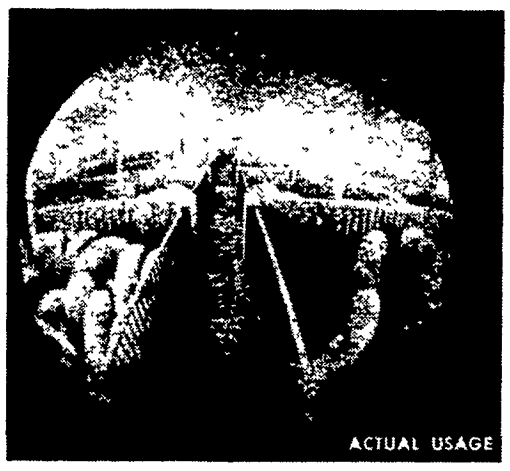


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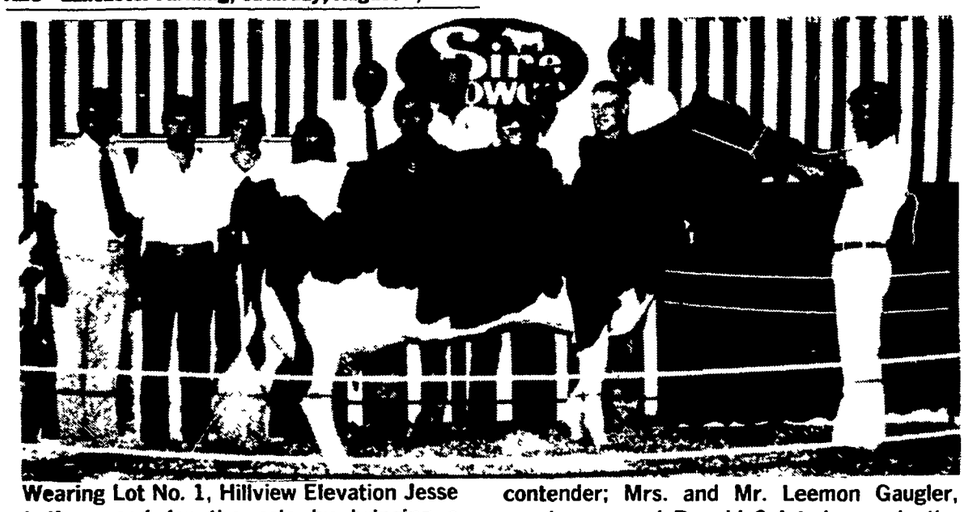
*At Sire Power Sale*

# Walebe Farms heifer brings $1



Wearing Lot No. 1, Hillview Elevation Jesse set the mood for the sale by bringing a $12,000 bid from Donald V. Seipt, Easton. Pictured with the 5-year-old Elevation daughter is: from left, Bob Parr, Sire Power; John Howard and John Frey, Fultonway Farm, contender; Mrs. and Mr. Leemon Gaugler, consignors; and Donald Seipt, buyer. In the auctioneer's box is Charles Backus and Doty Remsburg, sales managers, Norman Hill, and Duwayne Kutz.

This Elevation daughter, EK Tammy-ET, brought the top price of $15,000 at Wednesday's Sire Power Sale held at the Kutztown Fairgrounds. She was consigned by Walebe Farms and purchased by Leonard Switzer, both of Collegeville.

BY SHEILA MILLER

KUTZTOWN — An embryo transfer daughter of Round Oak Rag Apple Elevation consigned by Walebe Farms, Inc. of Collegeville, topped the annual Sire Power Sale held here Wednesday.

Bidding stopped on this May 9, 1980 heifer at $15,000. Her new owner is Leonard Switzer of Collegeville, so she won't be traveling far from her dam EX Tillie Magpie Kingpin Matt

According to Earl Waltemyer, general manager of Walebe Farms, what made this particular heifer go to the top of the sale was her pedigree. "She's out of an old, popular cow line with two generations of excellent cows with good indexes.

What also helped was the strong line up of sires in her ancestory, including No-Na-Me Fond Matt and Whirlhill Kingpin on the maternal side, linked with Osborndale Ivanhoe and Elevation.

Waltemyer added she is not the first of her litter to bring a high price. A full sister sold at this year's All-American sale held in April at the Farm Show Complex for $16,000.

The heifer, EK Tammy-ET, is out of a litter of 14 calves, 8 heifers and 6 bulls. Out of the 14, there were 4 bulls and 3 heifers sired by Elevation and the others were sired by Bootmaker. Tammy's dam also produced a natural bull calf bred by SWD Valiant that year.

As a 3-year-old, Tammy's dam made a 365-day record of 28,860 pounds milk with 924 pounds fat. Her cow index is plus 1243 milk and plus 43 fat.

The price Waltemyer received for his consignment went against his prediction of top price at the start of the sale when he said the high animals would be around $10,000.

The first animal across the auction block topped the $10,000 mark. Bidding stopped on Hillview Elevation Jesse, consigned by Leemon E. Gaugler of Lee Bar Farm, Covington, at $12,000 Purchasing this excellent 5-year-old was Donald V. Seipt, Keystone Farm, Easton.

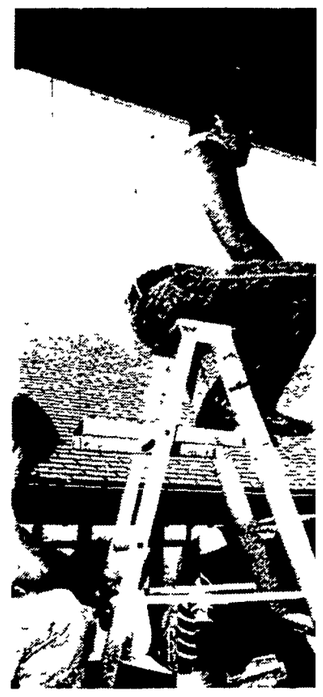
Another Elevation daughter, Jesse is out of Hillview Dina Burke, a good cow with Ivanhoe and Kingpin blood in her history. Jesse's top record was made as a 4-year-old when she milked 26,142 pounds and had 987 pounds fat.

An Elevation daughter and a daughter of Eng-Amer Ivanhoe Jerry both brought $10,000 at the Sire Power Sale.

Searchs Elevation Sis, a very good 5-year-old bred to Hanover Hill Triple Threat, wore Lot No. 3 for Sordoni Sterling Farm of Harveys Lake. She was purchased by Wayne Reeder of New Windsor, Maryland. Her top record came as a 3-year-old when she produced 27,030 pounds milk and 943 pounds fat.

The other $10 grand price tag was worn by Lot No. 60, Harmat Beth Elevation. Consignor Marlin Hoff of New Windsor, Maryland had purchased this animal at last year's Sire Power Sale. Now this offspring of Penstate Ivanhoe Star and Elevation will be traveling to the Farm of Frank Silva in California.

Buyers from nine states took



Lebanon County Holstein
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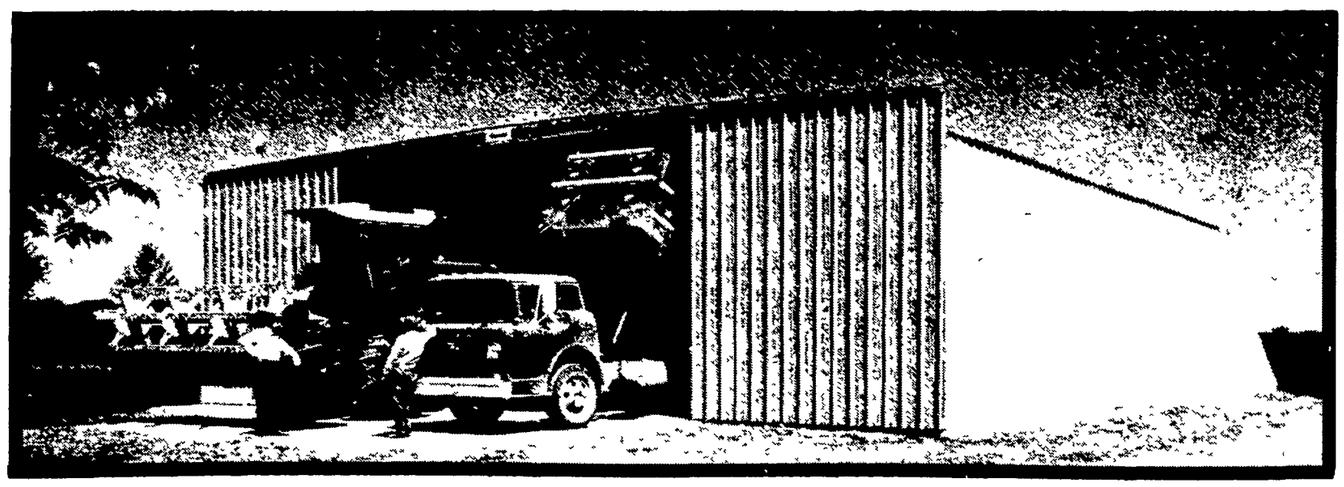

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*At Sire Power Sale*

# ebe Farms heifer brings $15 grand

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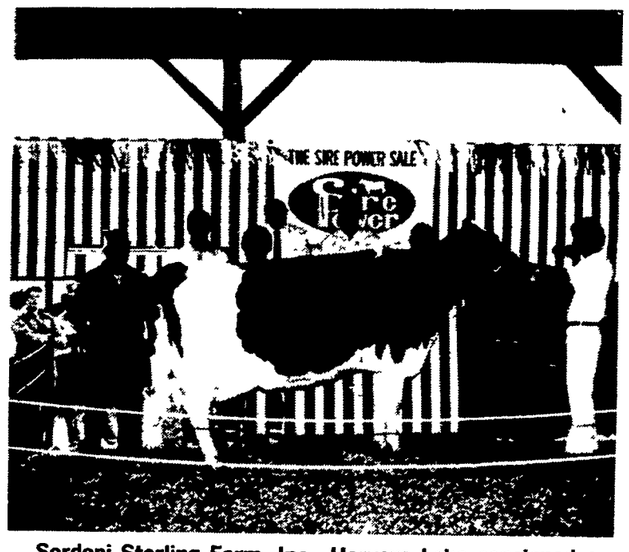
Buyers from nine states took home at least one of the 81 consignments that sold for an average price of $3,872.34. The 5 calves that sold averaged $1,130. These animals will be making new homes in Wisconsin, New York, Maryland, Iowa, Virginia, New Jersey, Connecticut, California, and, of course, Pennsylvania.

Lebanon County Holstein breeder Robert Lentz perches atop a step ladder to get a bird's eye view of the sale ring. Even without a backrest, it was the best seat in the house.

Dale and Olalee Hornberger take one last look at a prospective addition to their 40-head milking lineup back home in Snyder County. According to Dale, the family's registered stock belong to the children who purchased them for 4-H projects. However, an all-registered herd is the family's goal.




Sordoni Sterling Farm, Inc., Harveys Lake consigned an Elevation daughter, Searchs Elevation Sis, that brought $10,000 from Wayne Reeder, New Windsor, Md.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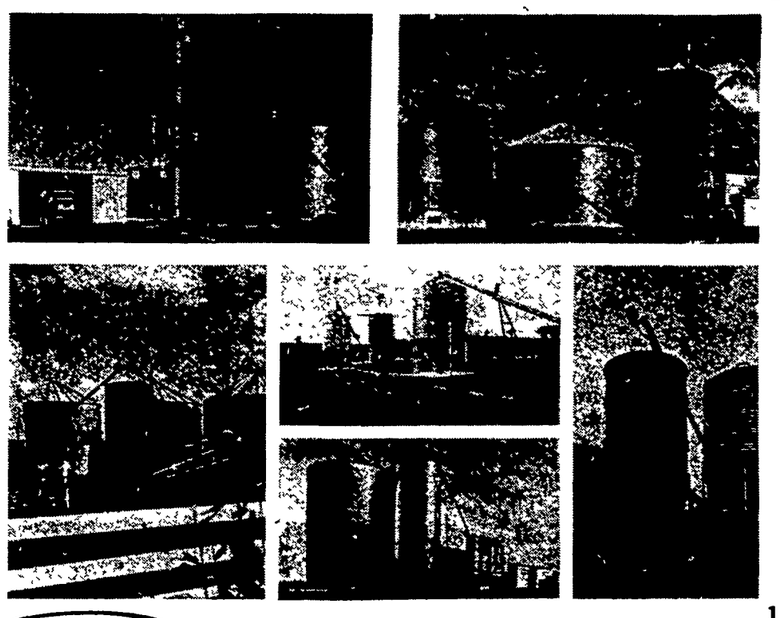

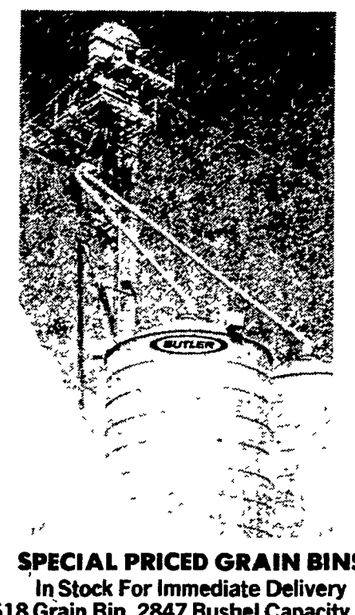

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The top five winners in the Women's Judging are from left to right: first place Evie Landis, Manheim; second place, Thelma Hess, Strasburg; fifth place, Betty Kreider, Lancaster; fourth place, Lois Petersheim, Morgantown; third place, Barbara Stauffer, Ephrata.

The winners in the Under 18 Judging contest are: front row, first place Jeff Martin, 15, Ephrata; third place Karen Long, 16, Willow Street; back row left to right, fifth place, Neal Crouse, 18, Stevens; second place, Jeff Burkholder, 17, Washington Boro.

# Lancaster

(Continued from Page A1)

points and the three classes included aged cows, 4-year-olds and senior calves.

In the Men's division, Jim Hess, Quarryville, topped the competition as well as the overall with a perfect 150 points.

Tom Miller, Carlisle took second, followed by Don Eckman, Peach Bottom, third, Ellis Denlinger, Strasburg, fourth and Leonard Stoltztus, Gap, fifth

Evie Landis, Manheim, captured the first place honors in the Women's class with a high score of 145.

Thelma Hess, Strasburg, placed second followed by Barb Stautter, Ephrata, third, Lois Petersheim, Morgantown, fourth and Betty Kreider, Lancaster, fifth.

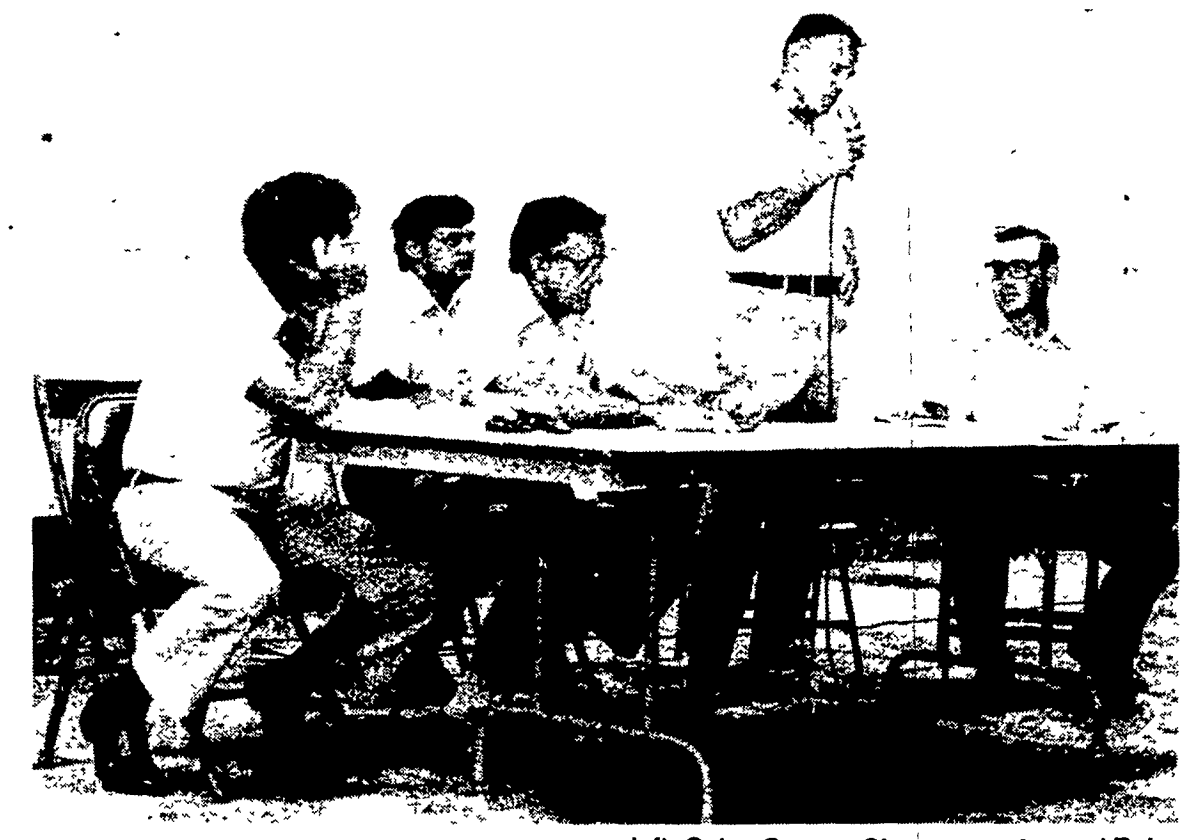
In the Under 18 division, Jeff Martin, Ephrata, topped the competition with a near-perfect 149.

Jeff Burkholder, Washington Boro, placed second, followed by Karen Long, Willow Street, third, Mark Welk, Peach Bottom, fourth and Neal Crouse, Stevens, fifth.

John Dochtor catered the annual event with a chicken barbeque lunch and plenty of ice cream and milk. Twenty-two sponsors provided prizes that included, grease guns, calf starter, semen and ice chests.

Visitors had a chance to tour the Landis' 200-head dairy which has been the site of many tours in the past.

The John Landis family hosted the Lancaster County Holstein Field Day on Thursday. In the foreground is Lucinda, 19, left, Doris, right. The back row includes John, Jr., 16, and John Sr.



National Holstein Director, Donald Seipt, standing, shares some of his experience using embryo transplants. Seipt is joined by other ET participants, Bob Kauffman, Elizabethtown, left, Galen Crouse, Stevens, center and Robert Wenger, Quarryville, right. Discussion mediator, Glenn Shirk, Lancaster County Agent, is seated behind the panel.

# Md. Field Day features no-till soybean herbicide research

COLLEGE PARK, Md. — The University of Maryland's agricultural research center at Wye Mills near Queenstown will host its annual "Crops and Soils Research Field Day" Tuesday, August 18.

More than 1,000 people from Maryland's professional agricultural and lay communities are expected to attend the event, jointly sponsored by the university's Agricultural Experiment Station, Cooperative Extension Service, U.S. Department of Agriculture and the Wye Institute.

This year, the research center field day will focus on a number of on-going, long-term projects with commercial corn and soybean crops, plus some experimental varieties not yet released, according to David B. Jones, assistant professor of agronomy.

Among major studies are those dealing with 140 different corn hybrids and 40 soybean varieties, said Jones, a grain and oil crops Extension specialist.

That research includes long-term fertility studies, crop breeding, variety development, nutrient depletion and weed control, he said.

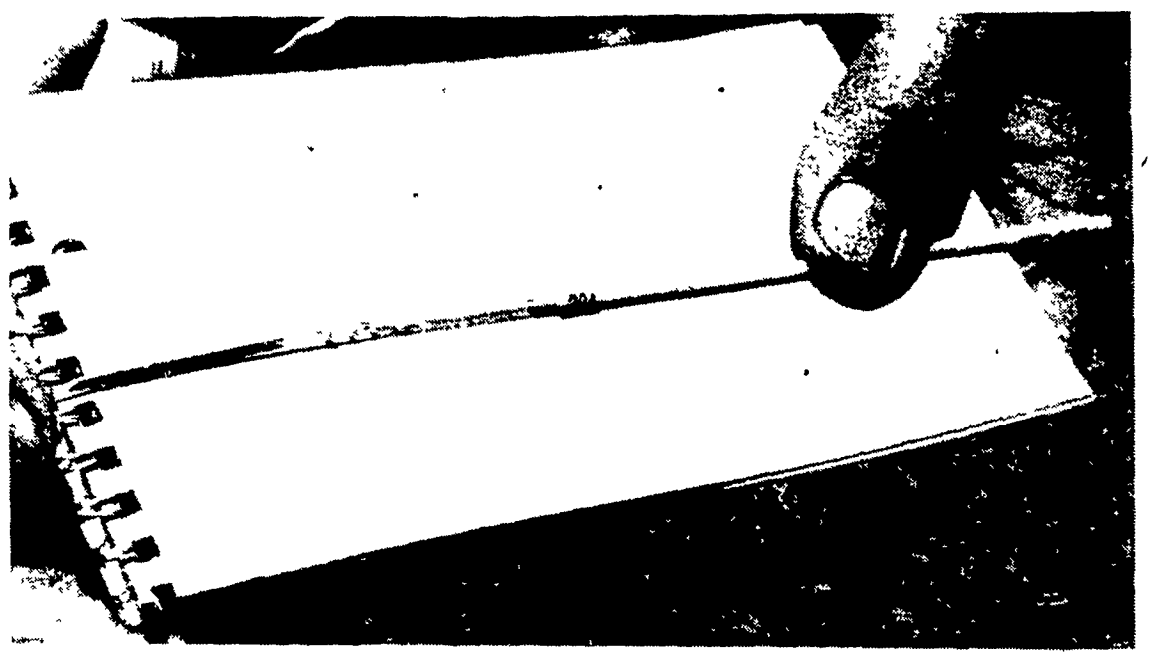
Research on soybeans this year was supported by the Maryland Soybean Board, he added.

New this year, said Jones, are results from full-season no-till soybean herbicide trials.

In addition to field demonstrations, the center will feature farm machinery and its application at the research center, and a home economics display

Wagon tours of research plots will begin at 9 a.m. and continue every 15 minutes until 11 a.m

The Wye Research Center is located near the Wye Institute, off Carmichael Road from U.S 50 east, between Queenstown and Maryland route 213 on Maryland's Eastern Shore



It may be another six months before this specially designed straw which allows for practical storing and inseminating of frozen embryos appears on the market.

# USDA revises staffing requirement for cattle inspection

NEW YORK, N.Y. — Revised staffing requirements for inspecting slaughtered cattle became effective July 14, a USDA official announced. Public comments on the interim rule — which is also being published as a proposal-will be accepted for 60 days.

The requirements specify the size of the inspection team, the location of its members within the plant and the number of cattle the team is to examine each hour. The requirements update staffing guidelines issued in 1968.

"We are publishing the standards as an interim rule because current federal hiring restrictions require more efficient use of personnel," said Donald L. Houston, administrator of USDA's Food Safety and Inspection service.

Although effective immediately, the rule will be reviewed at the close of the comment period in light of all comments received.

Houston said, "The requirements distribute inspector workloads more efficiently, enabling FSIS to reduce by approximately 40 the number of cattle post-mortem inspectors needed nationwide. The inspectors will be reassigned to other essential areas needing personnel."

The revised staffing requirements will increase the efficiency of inspection while maintaining consumer protection, he said.

Public comments should be sent by September 14 to: FSIS hearing clerk, room 2637-S, USDA, Washington, D.C. 20250.

Notice of this action was published in the July 14 Federal Register. A background paper is available from FSIS Information, USDA, room 1160-S, Washington, D.C., 20250, 202/447-9113.

# Assn. of County Agricultural Agents names winners

UNIVERSITY PARK — Five members of The Pennsylvania State Unversity's Cooperative Extension Service staff have been named winners in the 14th annual Public Information Awards Contest sponsored by the National Association of County Agricultural Agents.

The contest, conducted by the Pennsylvania Association of County Agricultural Agents, in cooperation with Rohm and Haas Co., is designed to recognize excellence in the uses of mass media approaches to Extension teaching and information programs.

James Welshans, Clearfield County Extension agent and state contest chairman, points out that all winners will receive cash awards.

Winners by categories are:

Maureen D. McCabe, Philadelphia County Extension agent, second place northeastern United States winner in the radio program category.

Duane G. Duncan, Cumberland County Extension director, northeastern United Stated and national winner in the news photo story category.

Thomas E. Piper, Adams County Extension director, second place northeastern United States winner for a series of colored slides.

David M. Cox, McKean County Extension agent, second place northeastern United States winner in the direct mail category.

Mrs. Carol J. Schurman, Indiana County Extension agent, second place northeastern United States winner in the feature story category.

Another Penn State staff member, Mrs. Janie French, Clearfield County Extension agent, was northeastern United States winner in the Scotts Horticultural Professional Improvement Communications Contest.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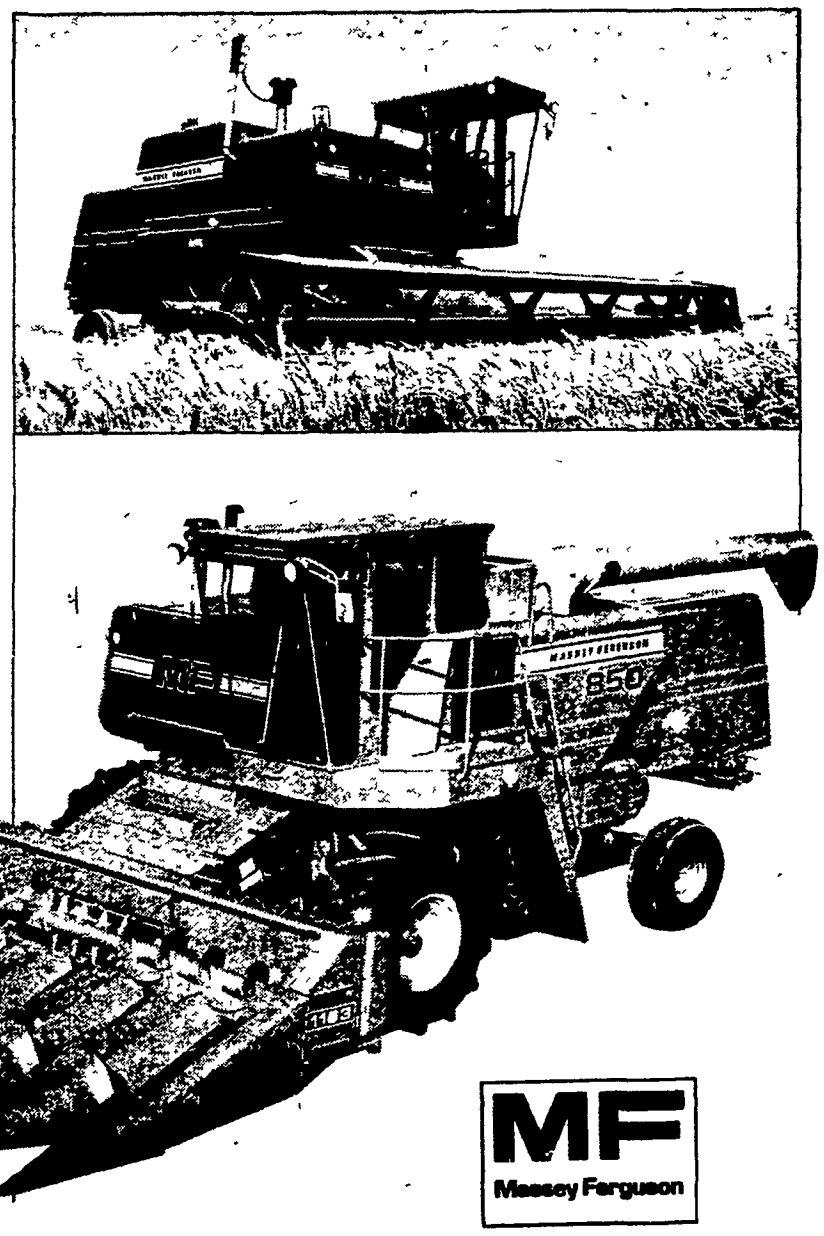


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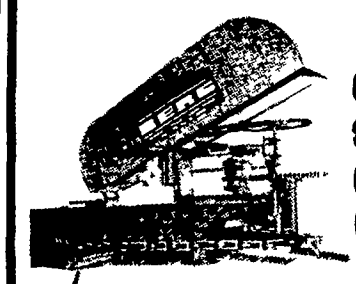

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# Berks Holstein Club picnic

BY LAUREL SCHAEFFER
Staff Correspondent

HAMBURG — Over 150 people gathered at the farm of Richard Hoppes on July 23 for the annual Berks County Holstein Club picnic.

Working under the name of Secret Valley Farms, Hoppes milks 60 registered Holsteins and farms 150 acres, mostly in alfalfa, orchard grass or corn for silage. Hoppes also custom fills "ag bags" for haylage or silage.

Highlighting the affair was a judging contest consisting of three classes: aged cows; two year olds; and heifers.

Betty Jean Hoch, Berks County Dairy Princess reviewed her activities at the state pageant and explained how much the State Dairy Association has been doing for milk promotion.

Betty Jean also stressed the importance of using the "Real Seal" and commented that she hopes it catches on quickly in the area.

Clyde Myers, Berks County Extension agent updated the dairymen on the progress of the county 4-H center.

The results of the judging contest are as follows:

**Juniors**

1. Micheal Kunkle, Jonestown; Donna Stump, Bernville; Jay Bicksler, Richland; 4. Karen Sattazahn, Womelsdorf; 5. Jim Younker, Fleetwood; 6. Todd Miller, Hamburg; 7. Kevin Graber.

**Women**

1. Barbara Bicksler, Richland; 2. Juliet Wagner, Jonestown; 3 Joyce Schnatz, Alburtis; 4. Nancy Lee Seidel, Hamburg; 5. Dolores Adam, Hamburg; 6. Marie Herbert, Fleetwood; 7. Phoebe Troutman, Richland.

**Men**

1. Burd Schantz, Alburtis; 2. David Schantz, Alburtis; 3. Clarence Sattazahn, Womelsdorf; 4. Ernest Miller, Hamburg; 5. Jim Shaw, Oley; 6. Ray Bicksler, Richland; 7. Jeff Miller, Hamburg.

**Closest estimate to milk produced**

Men - George Seidel, Womelsdorf. Women - Marlene Sattazahn, Womelsdorf; Juniors - Mark Johns.

**Closest estimate to cow's weight**

Men - Ray Seidel, Richland, Women - Mary Jane Stoltzfus, Morgantown; Juniors - Karen Sattazahn, Womelsdorf.

(Turn to Page A25)

Of the 150 people gathered for the Holstein picnic at the farm of Richard Hoppes, these three won the first three honors in the men's judging contest. They are, l-R, Burd Schantz, David Schantz, and Clarence Sattazahn.


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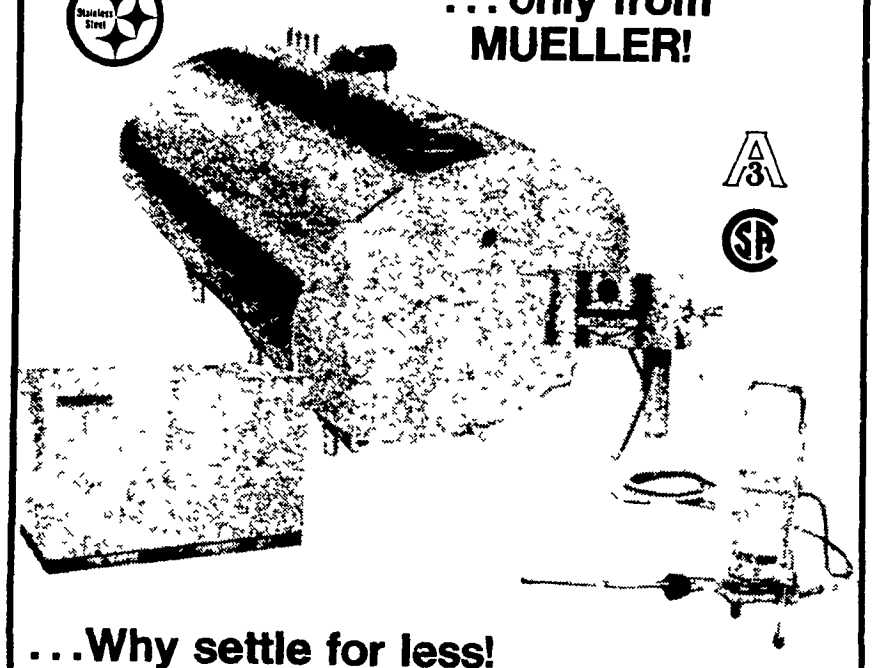

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| 18 4-34 | 6 | $354.00 | $10 58 |
| 13 6-38 | 6 | $235.00 | $ 6 47 |
| 20 8-38 | 8 | $583 00 | $16 21 |

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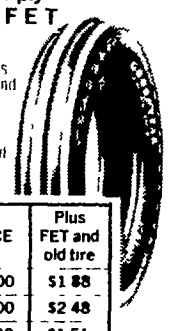

| Size | Ply Rating | PRICE | Plus FET and old tire |
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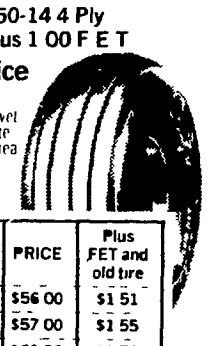

| Size | Ply Rating | PRICE | Plus FET and old tire |
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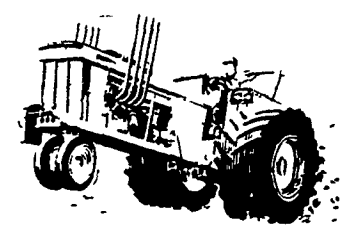
# Club picnic

(Continued from Page A24)

Receiving first, second, and third place in the women's judging contest at the Berks County Holstein Club Picnic are Barbara Bickler, Juliet Wagner and Joyce Schantz, respectively.

## Tractor Pull Tally



**Buck Points Standings**

**5 Mod.**

1. Craig Luckenbill, Schuylkill Haven, Pa., Pa., 433 Chevy, 281.10; 2. Charles Brommer, Columbia, Pa., 2-440 Dodges, 274.6; 3. Curtis Stoltz, Myerstown, Pa., 468 Chevy, 273.9.

**7000 Super Stock**

1. Coleman Wheatley, Bethel, De., JD 4240, 290.7; 2. Mark Stauffer, Ephrata, Pa., Deutz 9006, 289.3; 3. Bert Stauffer, Ephrata, Pa., Deutz 8006, 284.1.

**5800 FWD**

1. Willie Omps, Winchester, Va., 1957 Ford, 285.0; 2. Dan Fellenbaum, Lititz, Pa., 1969 Chevy, 276.9; 3. Randy Raso, Watertown, N.Y., 1981 Chevy, 273.5.

**7000 Mod.**

1. Earle Henderson, Baldwin, Md., Turbine, 276.3; 2. Ed Breusinger, Lebanon, Pa., 2-468 Chevy, 275.5;3. Jeffrey Fronty, Hellam, Pa., 427 Chevy, 272.4.

**9000 Super Stock**

1. Coleman Wheatley, Bethel, De., JD 4240, 255.5; 2. Tom Middleton, Ridgely, Md., IH 966, 249.8; 3. Dan Greenleaf, Martinsburg, Pa., JD 4010, 228.3.

**9000 Open**

1. Willard Will, Central City, Pa., Allison, F.P.; 2. Richard Zimmerman, Mt. Joy, Pa., 3-440 Dodge, 273.7; 3. Ed Brensinger, Lebanon, Pa., 2-468 Chevy, 264.1.

**62 FWD**

1. Diehl Wilson, Winchester, Va., 1971 Ford, F.P./276.0; 2. Randy Raso, Watertown, N.Y., 1981 Chevy, F.P./255.5; 3. Dan Fllenbaum, Lititz, Pa. 1969 Chevy, 229.8.

**12,000 Open**

1. Willard Will, Central City, Pa., Hmde/Allison, 266.9; 2. Ed Brensinger, Lebanon, Pa., Hmde/2-468 Chevs, 257.4; 3. Earle Henderson, Baldwin, MD, Hmde/turbine, 211.0.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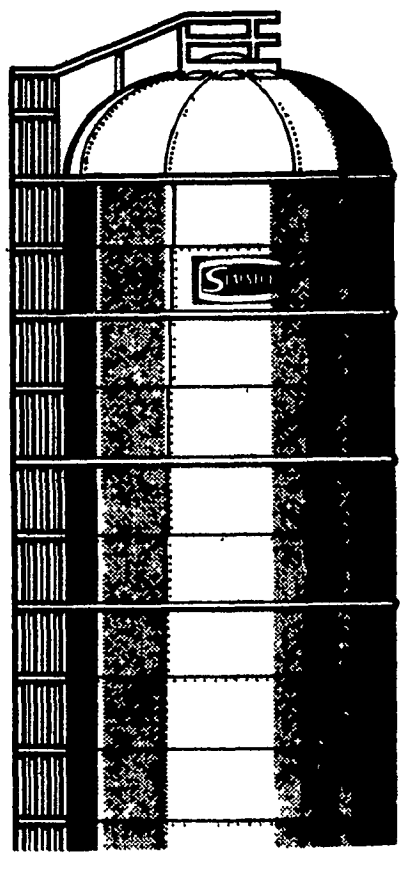

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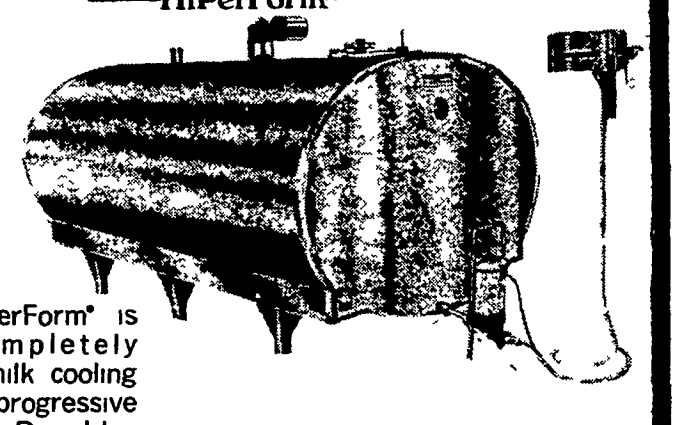

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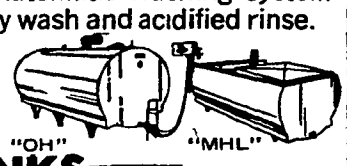


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Tobacco farmers had the opportunity to compare regular varieties of Pennlan and Pennbel, above, with a new variety which produces bigger leaves and an earlier harvest date. According to John Yocum, Penn State specialist, this larger leaf tobacco, left, matures earlier requiring an earlier harvest.

# Farmers prove eagerness to learn at local field day

BY DEBBIE KOONTZ

LANDISVILLE — In the field of farming, there are no fears of being overqualified or of obtaining too much education — rather, the learning never stops as evidenced by the almost 300 people who turned out for the Southeastern Research Field Day, Wednesday.

The day was designed to enable farmers, seed suppliers and others to see crop research currently being conducted, and to enable them to talk to specialists about certain problems or interests.

The day, coordinated and sponsored by Penn State University, was held at the southeastern field research laboratory in Landisville. According to Penn State, the laboratory was originally established in the early 1900s to centralize tobacco investigations and has gradually expanded to include tests on the adaptability of many field crops. Thus the day included the research and production practices of ten different crops.

Participants had the opportunity to ask questions from sixteen specialists and four research assistants. Areas included bedding plants for flowers; alfalfa variety, fertility and management for forage; tomato varieties; kenaf seedling rate; grape varieties and others.

Tobacco research was discussed by John Yocum, senior research associate and manager of the laboratory. Farmers had an opportunity to discuss new types of tobacco that produce larger leaves and have an earlier harvest date, and a chance to see them next to varieties of Pennlan and Pennbel — two types Yocum described as the "primary varieties in Pennsylvania."

"We also have some examples of aphid controls that you preplant and that are controlling the aphids up to now," he elaborated.

According to the Agricultural Experiment Station at Penn State, "Breeding and plant selection for superior strains of Pennsylvania tobacco that incorporate disease resistance, yield, and quality are an important part of the tobacco research program conducted at the laboratory." Their lastest brochure on the lab goes on to say, "Important contributions of the tobacco investigations have been the development of recommendations for correct usage of herbicides, fertilizers, insecticides, and fungicides, and recommendations of plant population, curing, and general plant bed management procedures.

Corn research is an integral part of the laboratory's program too. The investigations carried on at the lab seek continual improvement of hybrids adapted to the long growing season of southcentral and southeast Pennsylvania.

Joe McGahen, corn specialist, said, "We look at over 300 hybrids every year in our testing program (referring to all of Penn State's research on corn).

We're just scraping the iceberg, actually, in our knowledge of how plants grow. We know more

(Turn to Page A28)


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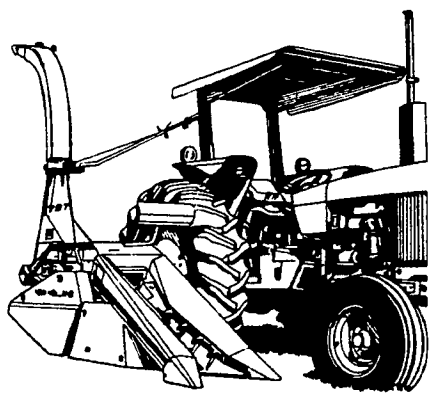

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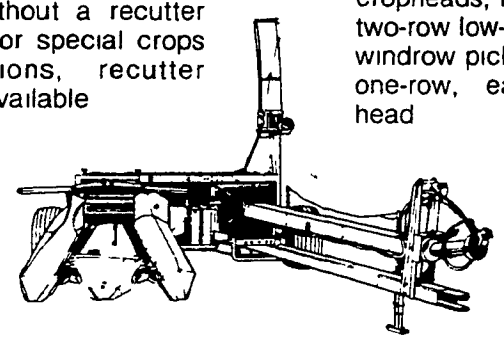
### HEAVY DUTY FROM HITCH TO SPOUT.

The Model 782 is built for heavy-duty performance The 12-knife cutterhead chops uniformly, without a recutter screen But for special crops and conditions, recutter screens are available

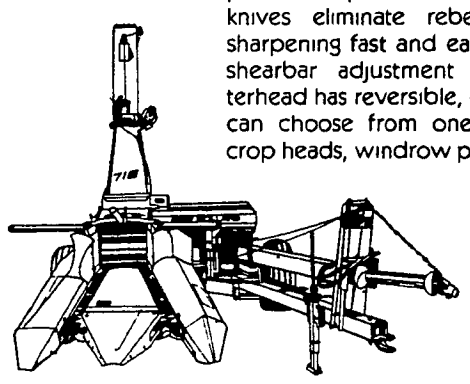
Check these outstanding features Exclusive under-beveled knives eliminate the need for rebeveling Flip-up feedroll makes shearbar adjustment easy Choice of 540- or 1,000-rpm driveline

You have a big choice of cropheads, including one- and two-row low-profile cropheads, windrow pickup, sicklebar and one-row, ear-corn snapping head



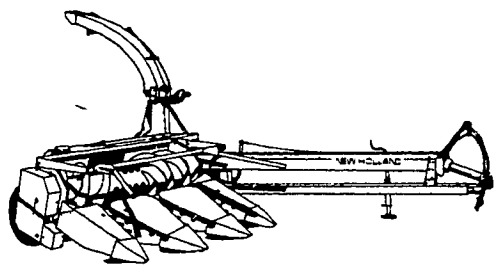
## 718 Forage Harvester

The country's best selling medium-duty forage harvester is the Model 718 from Sperry New Holland You get a fine, uniform cut with low power requirements Exclusive underbeveled knives eliminate rebeveling and make knife sharpening fast and easy Flip-up feedroll makes shearbar adjustment easy Twelve-knife cutterhead has reversible, double-edged knives You can choose from one or two-row low-profile crop heads, windrow pickup or sicklebar.



## HEAVYWEIGHT.

## 892 Forage Harvester



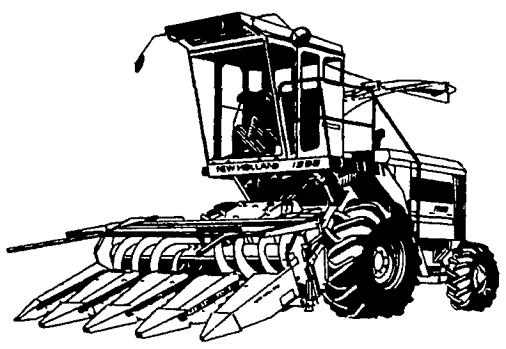
The Model 892 is the biggest capacity pull-type forage harvester offered by Sperry New Holland Built for big tractor horsepower, the "892" will power through the driveline, and be used with tractors up to 175 horsepower

The optional electronic metal detector — a Sperry New Holland exclusive — reduces harvester damage and can cut down on hardware disease The "892" is available with 12-knife or 8-knife cutterhead Exclusive underbeveled knives never need rebeveling and make knife sharpening fast and easy Flip-up feedroll makes shearbar adjustment easy

There's a big choice of crop heads, including the exclusive interchangeable 3-row crop head/windrow pickup, 2-row low-profile crop head, conventional windrow pickup, sicklebar and ear-corn snapping heads Under-knife baffles increase capacity

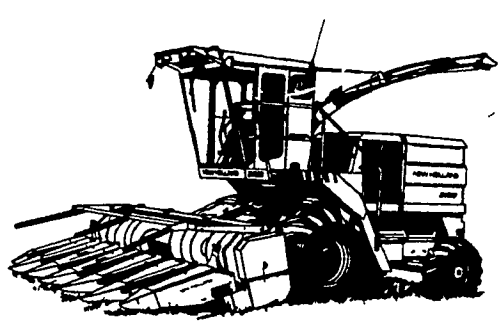
Like all Sperry New Holland machines the "892" is backed by a service and parts system that s second to none

## 1900 Forage Harvester



The 250-hp Model 1900 chopper features an exclusive electronic metal detector that reduces harvester damage, and helps cut down on hardware disease Exclusive underbeveled knives never need rebeveling Exclusive flip-up feedrolls make shearbar adjustment easy Exclusive interchangeable cropheads — ideal for the farmer/rancher who chops both windrowed crops and row crops Plus a big choice of other cropheads Under-knife baffles increase capacity

## 2100 Forage Harvester



The Sperry New Holland Model 2100 forage harvester features a 325-hp turbocharged six-cylinder Diesel engine The 30-inch wide by 24-inch diameter 12-knife cutterhead features exclusive underbeveled knives that never need rebeveling, exclusive metal detector to prevent harvester damage, and exclusive flip-up feedroll and hinged shielding for easy access The "2100 ' can be ordered with a six-row cornhead or 14-ft sicklebar — both the largest in the industry The Whopper Chopper is designed and constructed for the ultimate in capacity and durability

## SEE YOUR NEAREST SPERRY NEW HOLLAND ← DEALER

# Southeast field day

(Continued from Page A26)

*ıan we used to, but we have a lot* learn yet," he continued.

When asked what advice he had ır farmers of corn, he said, "I tell ıem to monitor their fields arefully and to see what problems "ıse Of course, leat analysis is ıportant."

This year the lab has started a ve-year study on corn employing ıree farming practices — ınimum tillage, no-till, and onventional According to 1cGahen, superimposed over the illage will be cover crops of rye, ınd sweet clover. Superimposed ›ver this then will be several legrees of nitrogen, 0 to 100 ›ounds.

"We want to establish what the ffects of tilling as apposed to no-ll on soil will do. Some fellows say .llage makes it worse to work with 'hile others say the opposite," he xplained.

But he did go on to add, "The eneral comments from farmers eem to be that 'my corn looks ;ood this year.' "

Not to take a back door in esearch was soybeans — weed ·ontrol, commercial varieties and no-till soybeans.

In charge of soybean research is ›ynn Hoffman, senior research associate, who, when asked what ıe was recommending, said, "Time of planting is important as s distribution of seeds within the ·ows. A systematic herbicide ·ontrol program to control weeds s important. A farmer needs to ›earn what weed problems he has ınd then seek guidance as to what ıis weakness is."

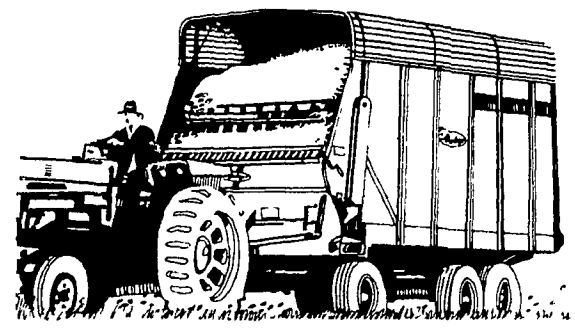
According to Jim Dripps, graduate student, farmers concerned about potato research seem ›o be interested in what pesticides are working out the best.

"We found that if you control it at the right time, you can almost get away with twice as less pesticide control. We're trying to refine practices so that you only

(Turn to Page A29)

John Yocum, right, discusses tobacco research and insect control with local farmer Gary Bender.

Lynn Hoffman, senior research associate, and soybean specialist jokes with Ray Layser, Asgrow Seed Co. Layser says he hopes to learn from the day, because, "We are asked many technical questions from farmers on planting." Behind them stretches the test plot of soybeans.

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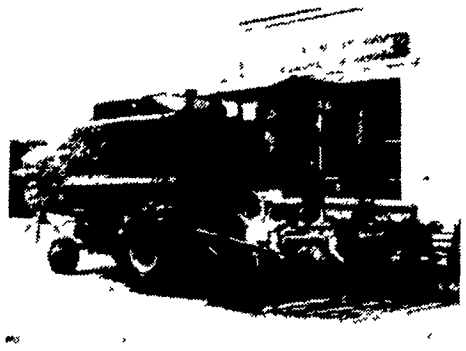

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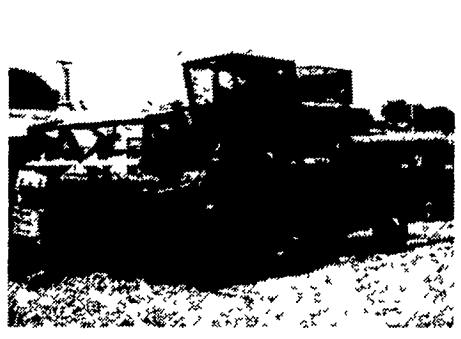
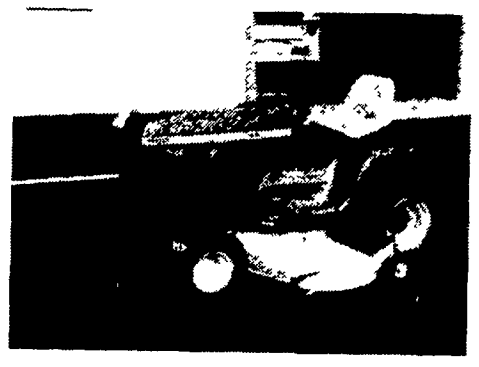


JD 3300 Diesel w/10' Platform Rotary Screen, shaft Monitor, 1000 hrs.... $19,450



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| New Holland 479 | $3,250.00 |
| John Deere #5 Flail Attach | 650.00 |
| Mohawk 7' Cutter | 850.00 |
| John Deere 9W Mower w/7' Bar | 550.00 |
| Hesston 9' Self-Propelled | 1,850.00 |
| Hesston PT7 | 1,950.00 |
| Hesston Hydro-Swing | 4,450.00 |
| New Holland 479 | 3,250.00 |

| TRACTORS: | PRICE |
|---|---|
| JD 2030 Diesel w/[SOLD], 1000 PTO, Rubber 85%, remote Control | $7,850.00 |
| JD 4020 Diesel Pow[SOLD]t w/Turbo, Roll-Guard w/Enclosure, Dual Remote | 8,950.00 |
| JD 1020 Gas, Ind. 54[SOLD], Tires 80%, Single Remote, Three Point | 4,650.00 |

# Southeast field day

(Continued from Page A28)

spray when you need to," Dripps said.

"Research here at Landisville and at the University is focusing on Colorado potato beetle control, (known as CPB), and refinements to the green peach aphid predictions in Spudcast. Research is being done to find out when CPB damage has the greatest effect on yield, during which potato plant growth stage CPB damage has its greatest effect on yield; timing of spray applications to coincide with insect life stages, determining the effectiveness of currently used and experimental pesticides in controlling CPB populations, and improving the effectiveness on Temik," Dripps explained.

But whatever the interest, whatever the problem, everybody seemed to be at the field day for one reason — summed up best by Mike Brubaker of Brubaker Agronomic Consulting Service of Lancaster County, who said, "I just wanted to learn as much as I could today about these crops and the research being done."

Everybody jumped on the bandwagon as it led them to the field of their choice during the day-long field day in Landisville.

# USDA approves New York for livestock export

NEW YORK, N.Y. — U.S. Department of Agriculture officials have approved new livestock export facilities at Portland, Ore., and have authorized existing facilities at New York's John F. Kennedy Airport to handle all types of livestock, in addition to horses.

Harold A. Waters, a staff veterinarian with USDA's Animal and Plant Health Inspection Service, said the new animal handling facilities at Portland replace older installations at the fairgrounds and the stockyards, which did not meet USDA requirements.

The facility at John F. Kennedy Airport has handled horses for many years. However, Waters said, its equipment is now considered suitable for all types of livestock.

Both air and ocean shipments are served through the New York and Portland facilities.

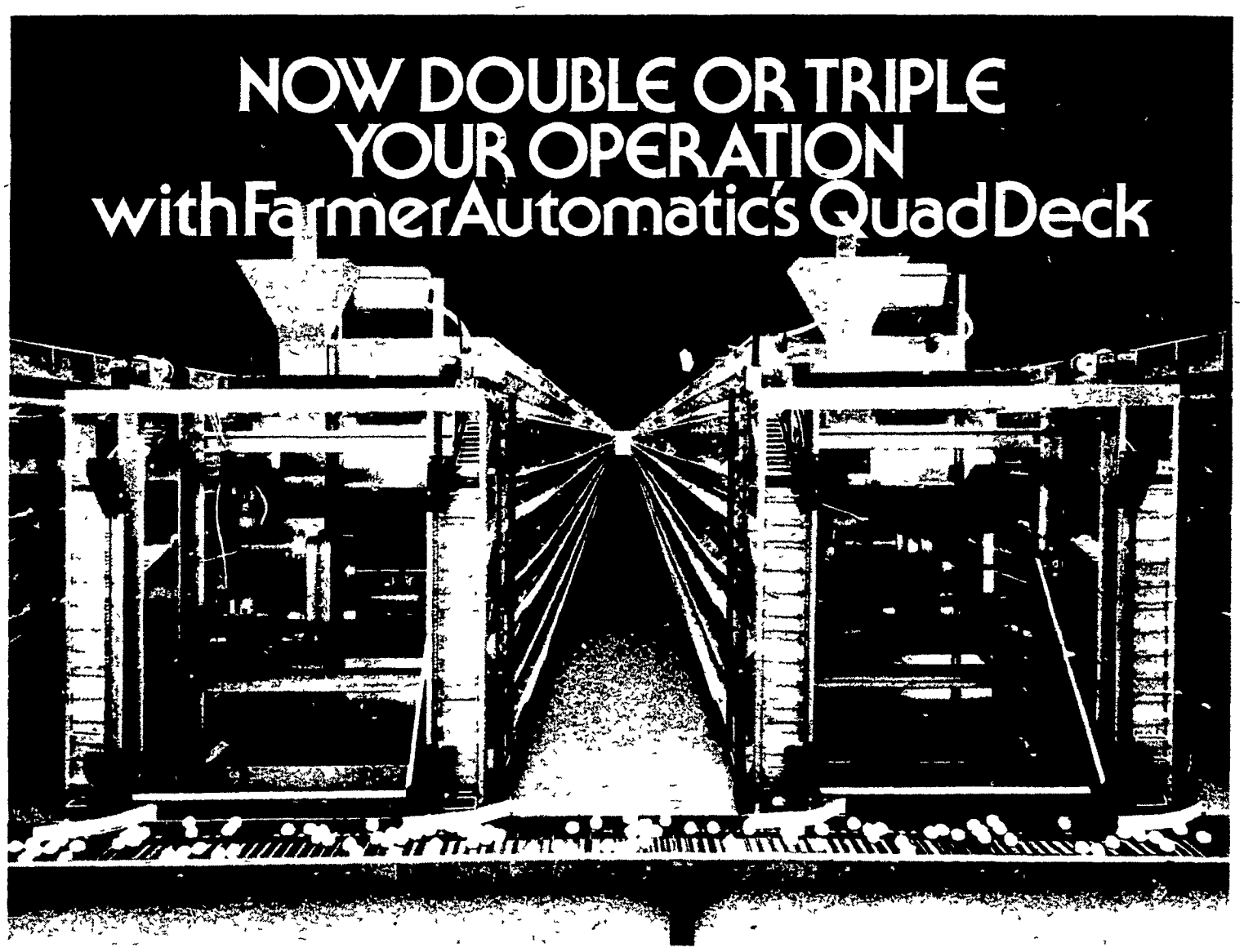
Federal regulations require animal export facilities to provide adequate feed, water and shelter; lighted examination areas with suitable restraining equipment; separation of exported livestock from other shipments; and safe, sanitary pens, gates, walkways and loading ramps, Waters said.

In addition to News York and Portland, USDA-approved facilities for both ocean and air shipments are available at Richmond, Va.; Miami and Tampa, Fla.; Houston and Brownsville, Texas; San Francisco, Calif; and Seattle, Wash.

Export facilities for air shipments only are available at Los Angeles, Calif.; Newburgh, N.Y.; Harrisburg, Pa.; Chicago, Ill.; New Iberia, La.; Stockton, Calif.; and Moses Lake, Wash.

A listing of USDA-approved export facilities is available from the Import-Export Staff, Veterinary Service, APHIS, USDA, 6505 Belcrest Rd., Hyattsville, Md. 20782.

Notice of the approvals were published in the July 13 Federal Register.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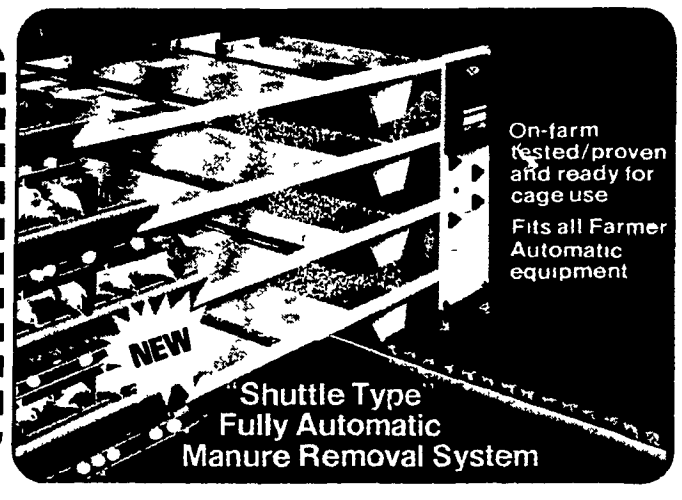
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# Sights & scenes at Lancaster FFA hog show

(Continued from Page A1)

Little brother Tim had the reserve grand champion of the show, a lightweight hog, another as reserve champion in the lightweight division and was runnerup in the junior fitting.

Actually, with Mike and Tim, it might be considered a return of the dynasty since older brother, Rick, just about swept all competition the last year he showed in FFA in 1974.

Both the grand and reserve champions of the show were purebred Durocs.

Chris Herr's grand champion, a 230-pounder, finished first in its middleweight class and then captured the mid-weight division crown before going on to grab the top laurels of the day.

And, also just like last year, the sleek but well muscled red hog, came out of the herd of Clyde McConaughey, Duroc breeder from Indiana County.

As Chris added another trophy and blue rosette to the Herr collection, just as satisfying was the proceeds he received at the afternoon sale.

When representatives of Hatfield Packing and Walter M. Dunlap finished exchanging nods and blinks to the auctioneer, the bottom line on Herr's grand champion read $4.45 a pound.

It marked a healthy increase over the $3.30 a pound that Chris received last year for his grand champion. Hatfield bought that one, too.

In all, it meant a little over a thousand dollars for Chris to put toward his ag engineering education at Penn State.

Tim Ptautz' reserve grand champion of the show, a 210-pound lightweight, brought $2 a pound. It, too, was purchased by Hatfield.

In all, 153 head were sold by the competing FFA'ers from Ephrata, New Holland, Penn Manor, Manheim, Warwick and Elizabethtown high schools.

The show consignment averaged 211 pounds and brought $61.26 a hundredweight, including the two big champs.

Out of this total, 31 head were in the "champion" category, ranging from the show winners down to the class winners. These 31 head averaged $84.00 a hundredweight.

But there were top winners besides the Herr and Ptautz family members.

Steve Strauss, Ephrata, had the carcass on-foot champion.

Jim Musser, Ephrata, won the coveted breeder exhibitor championship.

Jeff Gerlach, Penn Manor, was second in the junior showmanship.

Judy Zimmerman, Ephrata, repeated and won her second consecutive senior showmanship title and also showed the champion in the heavyweight division.

Wayne Hess, Penn Manor, finished behind Judy in the senior showing.

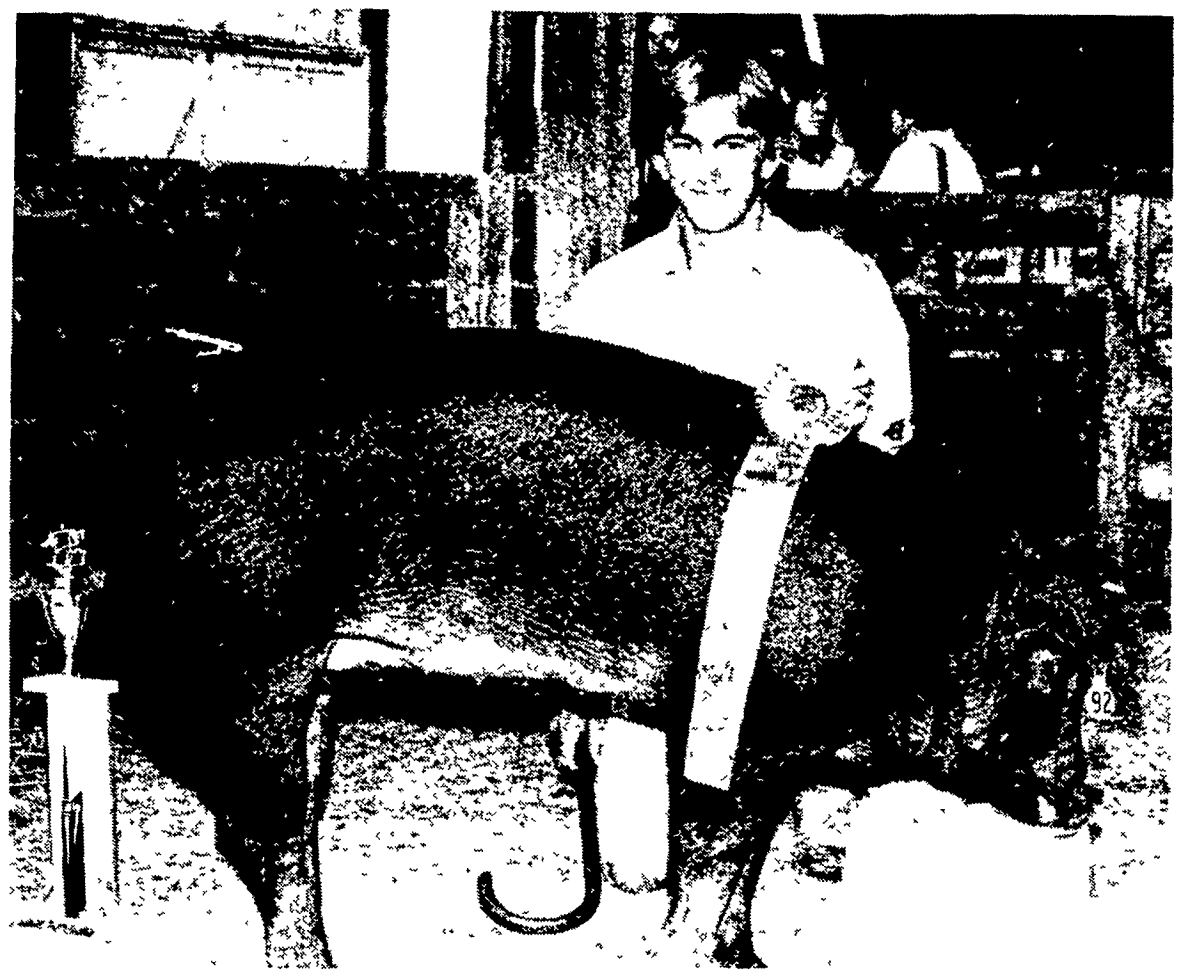
Champion in the senior fitting was Tim Hess, Penn Manor.

Class results for the show include:

**Carcass**

1, Steve Strauss, Ephrata, 2 Mike Pfautz, Ephrata, 3 Jim Harnish, Penn Manor, 4,

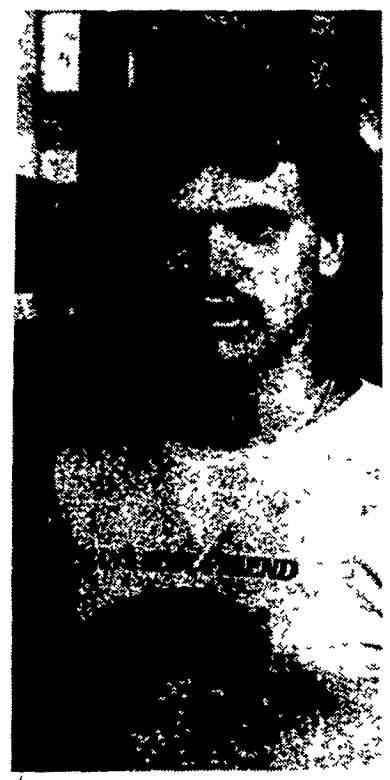
(Turn to Page A33)



Chris Herr, of Narvon, with show's grand champion.

Jim Musser, of Ephrata, with winner of breeder-exhibitor championship.

Tim Pfautz, of Stevens, with show's reserve grand champion.



This father-son hog operation team believe in advertising their product. They are Larry Mullen Jr. and Sr., of Bainbridge, who attended the Lancaster County FFA Market Hog Show on Thursday. They operate a farrow to finish operation and Larry Jr. also hauls livestock.

Senior showmanship champ is Judy Zimmerman, of Ephrata, and senior fitting champ is Tim Hess, Penn Manor.

Junior showmanship champ is Mike Pfautz, of Stevens, and junior fitting champion is Margaret Herr, of Narvon.

# PAFC sponsors "Couple's Conference"

BY SALLY BAIR
Staff Coffespondent

CHAMBERSBURG — Thirty-three young farm couples were given a close glimpse of the farmer cooperatives of which they are members when they met this week in Chambersburg for a conference sponsored by the Pennsylvania Association of Farmer Cooperatives.

From across the state these young people came and learned, and had the opportunity to voice their concerns about cooperatives to management personel.

Involvement became the key phrase for the meetings, with the young farmer couples being urged to become more familiar with and more involved in their cooperatives.

Norman Hershey, Gordonille, who with his wife Kathy was one of four leader couples who helped plan the conference, said, "Cooperatives do make a difference. The mere presence of the cooperative movement has an effect. A cooperative is only a whole lot of 'yous.' " Hershey said that policy for cooperatives comes from the grassroots through the directors. As a young farmer gets involved, he states, he will gain new ideas and new thinking.

One of the highlights of the conference was the opportunity to ask questions of cooperative personnel. Concerns raised include financing, a lack of cooperation among milk marketing cooperatives, the few numbers of young farmers on boards of directors and why cooperative products sometimes cost more than other similar products.

Dr. James Honan, general manager, Inter-State Milk Producers Cooperative, discussed some differences between farmer cooperatives, pointing out that some cooperatives plan better than others. He noted that even the best plans must be flexible to meet changing situations.

He said some cooperatives may be more emotionally oriented than business oriented, and while emotions should not enter into decisions, they can. "Keep emotions at home," he recommended.

Honan advised that dairy farmers stop the argument about whether generic or brand name advertising is best and maintain both advertising programs in the interest of promoting consumption of milk. He said a big concern for the future is going to be the ability to maintain an agreed-upon advertising program. Surplus production, he said, is a problem of both the farmers and his cooperative.

Honan expressed concerns for imports and imitations, and pointed out that now 30 to 40 percent of all mozzarella cheese used for pizza is imitation.

Wives were encouraged in their active participation with their husbands in the farming enterprise. Jane Benner, who farms with her husband Kenneth on a Perry County dairy farm, said a husband who considers his wife as smart as he is has an excellent chance of having his wife there by his side to help as needed. "She'll be a wife who has faith in her husband."

She encouraged husbands to have thier wives help make decisions from the biggest to the smallest. "I appreciate my husband's healthy attitude toward my participation," she stated.

She encouraged young couples who want to start in the dairy industry to get experience at the expense of someone else before going on their own, and to spend two to three years working away from home. "Prove your integrity and prove you can meet your financial obligations. When you go to shop for credit, talk to someone who can talk your own language. Get a realistic management plan," she suggested.

"Young people can get started, but it will take determination, enthusiasiam and dedication to the farm and to the livestock. There will be sacrifice. Start at the bottom and slowly but surely work your way to better things."

She urged the young couples to share the joys of accomplishment and face the crises together. "We can still be successful farmers, but it will take longer for us to become financially sound," she stated.

Jane urged a positive attitude "which will go a long way in making us successful no matter what our chosen profession."

Speaking to the women attending the conference, Franklin County's Janice Burkholder, explained the detailed record keeping for both farm and household expenses which she contributes to the partnership of her husband Stan and his father. Her system includes establishing a monthly budget for a better understanding of the financial situation.

Eileen Green, who with her husband Gary participated as a leader couple, explained that she helps in the poultry operation and also works part time in the bank. She, too, does all the bookwork for the partnership of her husband and his brother, which includes a dairy operation.

Basic to the conference was the chance to learn just how cooperative businesses operate, and Hal Doran, Penn State/PAFC and Donald Robinson, young farmer instructor with the Eastern Lancaster County School District, held a short course on cooperative education.

Doran explained that cooperatives were born out of the economic strife of the depression years and the years of war time shortages, and original members could see the benefits clearly. "They felt it was theirs and they built it," he pointed out.

Newer members not only don't remember the historical necessity of cooperatives, but fail to realize that the cooperative is theirs - run by them, for them and for their benefit, Robinson noted.

Doran said the principles have not changed, with the basic requirements being that the cooperatives do 50 percent or more of their business with their members and that they refund their net margin in proportion to patronage. He said 80 percent of farmers in the United States belong to at least one cooperative, with most belonging to several.

Robinson said that cooperative principles include being democratically controlled, providing service at cost, providing a limited return on in-

(Turn to Page A33)

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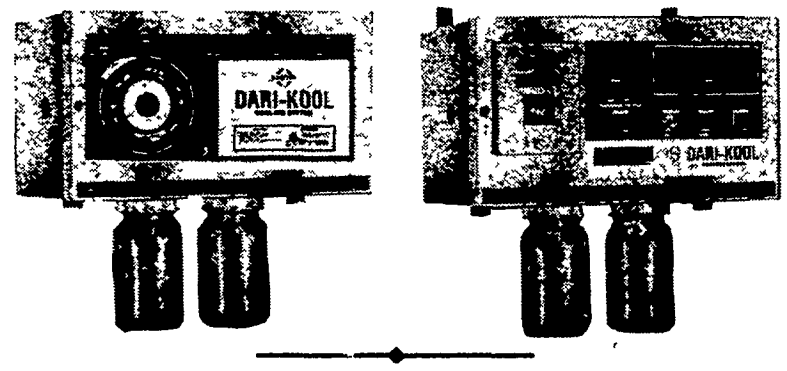


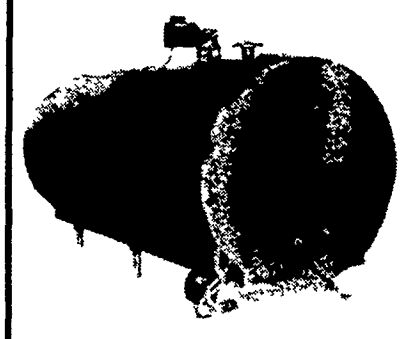

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BY DICK ANGLESTEIN
LANCASTER COUNTY

What's the most diverse and elaborate architecture and construction found on a number of Lancaster County farms?

Some might say the large statuesque farm houses with the distinctive three or more residential additions to accommodate succeeding generations.

Others may point to the massive stone and wood barns, whose traditional exteriors mask the extensive interior renovations that have taken place to keep pace with changing technology.

And even a few might elect to favor the newer sprawling single-story open-sided heifer barns or chicken houses that resemble a half-dozen windowless ranch houses stuck end to end.

While each of these is worthy of mention, my vote for "agricultural architectual excellence" goes to a much smaller structure – the bird houses cozily nestled amongst many area farmsteads, principally those of the Amish.

The design diversity and construction craftsmanship that went into these houses atop poles are symbolic of the same pride that can be readily seen built into their much larger neighboring structures – be they barns or tobacco sheds.

And what a diversity of Amish avian abodes abound in this area. The accompanying photos illustrate just a few of them.

They range from tiny one or two-unit structures to high-rises which soar five or six stories and contain 20 or 25 apartments.

Ther are round, rectangular, square and octagon-shaped. (No pentagon-shaped structure was seen. That's just as well. One such building in the U.S. with occupants continually having their heads in the clouds is enough.)

There's a Victorian-type mansion, like something out of Nathaniel Hawthorne.

Another has a Japanese pagoda motif.

There's amazing detail and they come complete with chimneys, weather vanes, perches and front porches, plantation pillars and New England roof-top captain's roosts.

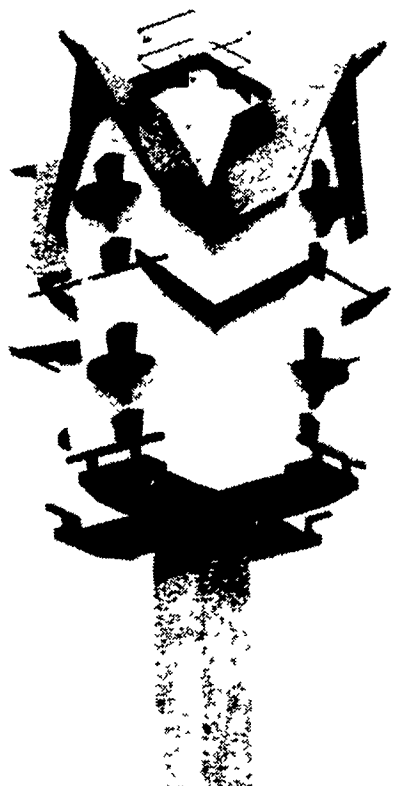
One even has a long landing perch. Must be for those birds resembling a 747 that need a longer runway to touch down.

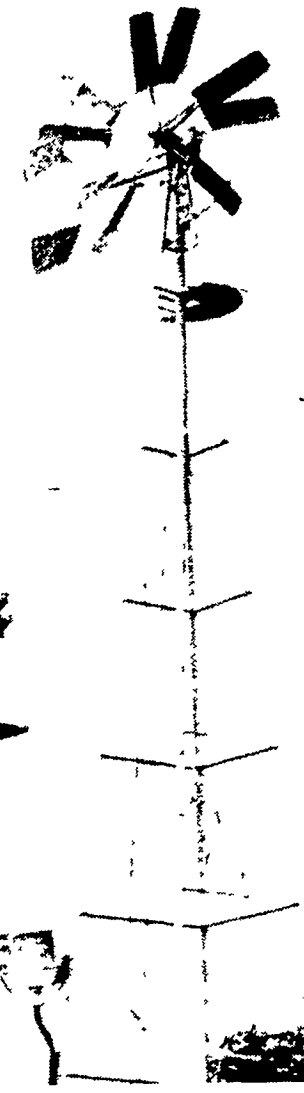
Only one thing mystifies me. I'm no domestic expert, but I always thought that birds and Monday morning wash didn't mix.

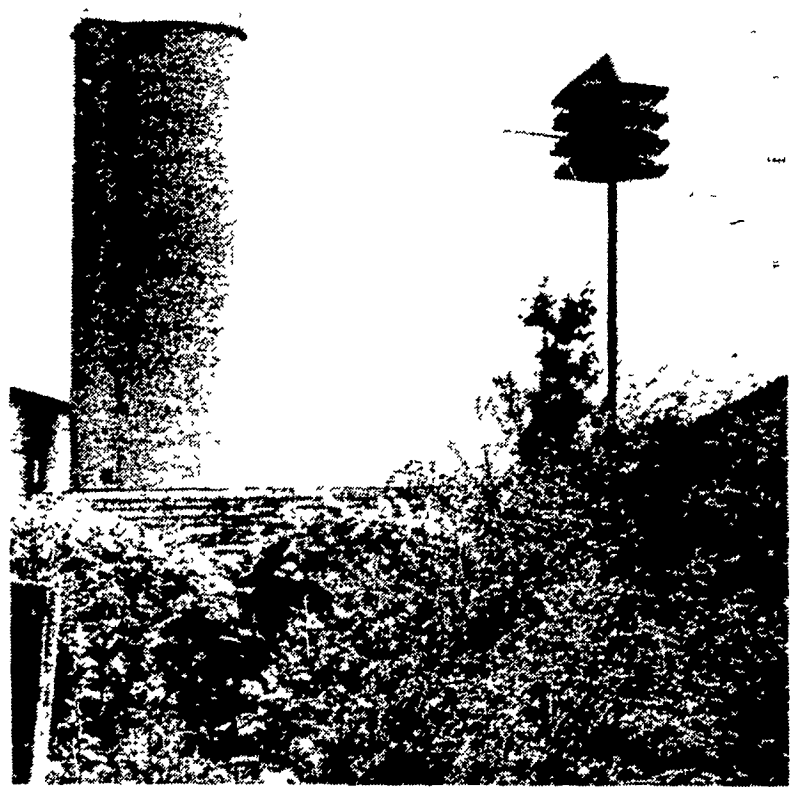
But many of these bird house poles are also supports for the long farm house washlines.

Perhaps, this is indicative of the agricultural philosophy and

(Turn to Page A33)







# Couple's Conference

(Continued from Page A31)

vestments, be member-owned and financed and have limited operations according to the wishes of members.

Named to serve as leader couples for next year's conference were Jim and Barbara Long, Peach Bottom R1; Craig and Carol Powell, Meadville; Edgar and Frances Reichard, Chambersburg; and Phil and Janet Gorda, Wellsboro.

Other leader couples who helped plan this year's meeting included Jack and Cheryl Pavkov, McKean and Frank and Rose Yost, Newville.

# Dynasty at hog show

(Continued from Page A30)

Gordon Long, Penn Manor, 5 Jeff Gerlach, Penn Manor

190-lb.

1, Cliff Weaver, Ephrata, 2, David Fisher, New Holland; 3, Cliff Horning, New Holland, 4, Scott Charles, Penn Manor; 5, Jay McMichael, New Holland.

195-lb.

1, Judy Zimmerman, Ephrata, 2, Tim Hess, Penn Manor, 3, Mike Pfautz, Ephrata, 4 Margaret Herr, New Holland, 5, Peggy Kreider, Elizabethtown

200-lb. A

1, Tim Pfautz, Ephrata, class champion and reserve lightweight champion, 2, Wayne Hess, Penn Manor, 3, Peggy Kreider, Elizabethtown, 4, Cliff Horning, New Holland; 5, Richard Stauffer, Ephrata

200-lb. B

1, Mike Pfautz, Ephrata, reserve class champion, 2, Steve McMichael, Penn Manor, 3, Jim Musser, Ephrata, 4, Gerald Hess, Penn Manor, 5, Harold Kauffman, Ephrata

205-lb. A

1, Judy Zimmerman, Ephrata, class champion; 2, Mark Weber, New Holland; 3, Cliff Weaver, Ephrata; 4, Dean Allison, Warwick; 5, Wayne Hess, Penn Manor.

205-lb. B

1, Tim Hess, Penn Manor, reserve class champion, 2, Shawn Charles, Penn Manor; 3, Gordon Long, Penn Manor, 4, Steve Smith, Ephrata; 5, Gerald Hess, Penn Manor

210-lb. A

1, Steve McMichael, Penn Manor, 2, Steve Strauss, Ephrata, 3, Jim Musser, Ephrata; 4, Dave Smith, Ephrata, 5, Tammy Barley, Penn Manor.

210-lb. B

1, Tim Pfautz, Ephrata, class champion and lightweight champ; 2, Jeff Gerlach, Penn Manor, reserve class champ, 3, Margaret Herr, New Holland; 4, Dorothy Meyer, Penn Manor; 5, Dave Fisher, New Holland.

215-lb. A

1, Shawn Charles, Penn Manor, 2, Chris Herr, New Holland, 3, Tim Hess, Penn Manor, 4, Jeff Gerlach, Penn Manor; 5, Brian Hess, Penn Manor

215-lb. B

1, Judy Zimmerman, Ephrata, class champ; 2, Steve Smith, Ephrata, reserve class champ; 3, Jim Musser, Ephrata, 4, Gordon Long, Penn Manor, 5, Tom High, Ephrata

220-lb.

1, Jim Musser, Ephrata, 2, Scott Charles, Penn Manor, 3, Steve Strauss, Ephrata; 4, Tammy Barley, Penn Manor; 5, Tim Pfautz, Ephrata

225-lb.

1, Chris Herr, New Holland, 2, Jim Harnish, Penn Manor, 3, Brian Hess, Penn Manor; 4, Cliff Weaver, Ephrata; 5, John Wiker, Penn Manor

230-lb.

1, Chris Herr, New Holland, middleweight champ, 2, Steve Strauss, Ephrata; 3, Steve McMichael, Penn Manor; 4, Scott Smith, Ephrata, 5, Todd Kimmet, New Holland

235-lb.

1, Judy Zimmerman, Ephrata; 2, Gerald Hess, Penn Manor; 3, Jim Harnish, Penn Manor; 4, Clair Weaver, Ephrata; 5, Richard Stauffer, Ephrata.

240-lb.

1, Mike Pfautz, Ephrata, reserve heavyweight; 2, Clair Weaver, Ephrata; 3, Russell Ackley, Ephrata, 4, Tom High, Ephrata

245-lb.

1, Judy Zimmerman, Ephrata, heavyweight champ; 2, Steve Strauss, Ephrata

250-lb.

1, Judy Zimmerman, Ephrata.

Breeder-Exhibitor

1, Jim Musser, Ephrata, 2, Mike Pfautz, Ephrata; 3, Steve Strauss, Ephrata; 4, Jim Harnish, Ephrata; 5, Gordon Long, Penn Manor

Lightweights Open

1, Steve McMichael, Penn Manor; 2, Jim Musser, Ephrata; 3, Peggy Kreider, Elizabethtown; 4, Scott Bailey, New Holland.

Mediumweights Open

1, Russell Ackley, Ephrata, 2, Tim Pfautz, Ephrata; 3, Brian Hess, Penn Manor; 4, Cliff Weaver, Ephrata; 5, Richard Stauffer, Ephrata.

# Avian abodes

(Continued from Page A32)

heritage of the stewards of these particular farms. They always seem more in turn with their natural surroundings then their more modern neighbors.

Also, you must look a long time to find such bird houses on the more modern farms. They're kinda like front porches and swings in small towns. You just don't see many of them in the suburbs. And besides, who has time to just swing, anyway.

I guess it's all a matter of endangered species – not only the aerial occupants but also their poletop homes and the dwindling farmland on which they're located.


# Stock up at the Agway Paper Goods Case Lot Sale

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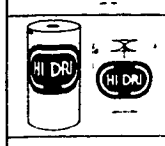
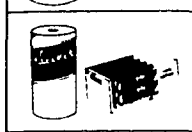
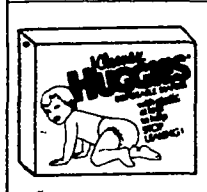
| | KLEENEX 4-PACK Bath Tissue 330 2-Ply Assorted Prints | #4989 | 96 rolls | $22.49 cs. | | |
| | DELSEY 4-PACK Bath Tissue 330 2-Ply White or Prints | #4881 #4889 | 96 rolls | $22.49 cs. | White<br>Prints | |
|  | HI-DRI 4-Pack Bath Tissue 400 1-Ply, White or Colors | #4856 #4857 | 96 rolls | $19.97 cs. | White<br>Colors | |
| | HI-DRI JUMBO Towels 100 2-Ply White & Prints | #5585 | 30 rolls | $14.97 cs. | | |
|  | KLEENEX JUMBO Towels 100 2-Ply White & Prints | #5570 | 30 rolls | $17.97 cs. | | |
| | KLEENEX Family Napkins 140 1-Ply White & Colors | #4670 | 21 pkg | $14.68 cs. | | |
|  | KLEENEX HUGGIES Newborn 24 s | #1710 | 12 boxes | $32.38 cs. | | |
| | HUGGIES Daytime 18's | #1718 | 12 boxes | $32.38 cs. | | |
| | HUGGIES Overnight 14 s | #1714 | 12 boxes | $32.38 cs. | | |
| | HUGGIES Toddler 12 s | #1755 | 12 boxes | $32.38 cs. | | |
| | KLEENEX Boutique Facial 125's Prints or Colors | #2459 #2449 | 36 boxes | $24.98 cs. | Prints<br>Colors | |
| | KLEENEX Facial 280 ct 2-Ply White or Ass't | #2811 #2819 | 24 boxes | $23.88 cs. | White<br>Colors | |
| | KLEENEX Facial Pocket Pack 6/16 s White | #3017 | 96 pkg | $11.93 cs. | | |
| | KLEENEX Dinner Napkin 50 ct 2-Ply White or Ass't Colors | #4600 #4608 | 36 boxes | $28.66 cs. | White<br>Colors | |

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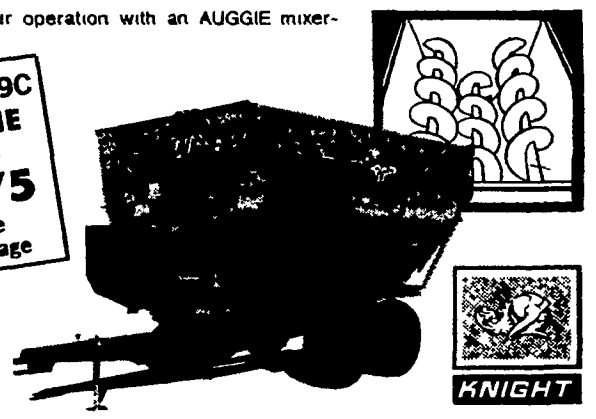


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# Ag Progress

(Continued from Page A1)

The event is sponsored by Penn State's College of Agriculture in cooperation with machinery companies and numerous agricultural associations and agencies.

Committees have been planning this year's Ag Progress Days even before the last one was over. Harrington emphasizes that activities are planned to be of interest to both the rural and urban visitor.

**And once again Lancaster Farming will be covering the important event from start to finish. Our special Ag Progress Days issue will be coming out Saturday, August 22 with a full schedule of events, exhibitors list and map of where to go and what to see. Advertising deadline for this special issue is Monday, August 17.**

# Farmers Union forms North Central Co-op

WELLSBORO — Dairy producers in the Tioga County Farmers Union have banded together to form another Farmers Union cooperative in Pennsylvania. The Northern Tier Farmers Union Milk Producers was presented its Articles of Association on July 27.

Northern Tier joins the Farmers Union Milk Producers Association (based in Mercer County) and the York County Farmers Union Energy League (the state's only alchohol fuels cooperative) as the third cooperative sponsored by the Pennsylvania Farmers Union, an organization representing over 5,300 farm families in the Commonwealth.

Elected as president of the cooperative was William Sturges of Wellsboro, current head of the Tioga County organization. Sturges, 31, was instrumental in the formation of Northern Tier.

"Dairy producers in this area were looking for another alternative," Sturges said. "We were looking for a safer market. By forming our own cooperative, we can avoid unwanted assessments placed on dairy producers by major cooperatives."

By-laws for the organization were approved by the Board of directors. The Board will work to secure additional membership now that the organization has officially been sanctioned.

Elected to serve as officers of Northern Tier are Sturges, president, Jim Powlison, vice president, Dale Allen, treasurer and Nancy Allen, acting secretary.

The Board of Directors includes Sturges, Powlison, Dale Allen, David Clark, Steven Bolt, Stanley Shabloski and Douglas Teachman.

Carl Kaufman, newly appointed Director of the Pennsylvania Farmers Union, attended the organizational meeting of Northern Tier and congratulated its members for their efforts on becoming a cooperative.

## Farm Calendar

(Continued from Page A12)

Delaware Valley Fair, Milford, until Saturday.

**Friday, August 7**

Lancaster County Poultry Assn. Queen Pagent and Dinner, Farm and Home Center, 6:30 p.m.

4-H Dairy Roundup, Dauphin County, Farm Show Complex.

40th annual Summer Mtg. PA Christmas Tree Growers, Holiday Inn, Indiana, Pa., continues tomorrow, for more information contact Fred Strathmeyer, Dover, 292-6286

Rostaver Community Fair, Belle Vernon, until Sunday.

Eastern Short Thresmen and Collectors Wheat Threshing, Steam and Gas Engine Show, Denton and Federalsburg, Md., Route 313, until Sunday, for more information phone; 301/754-8422

Central Jersey Holstein Show, Flemington Fair, Flemington, N.J.

Perry Dairy Princess Promotional Sale, Art Kling Sale Barn, evening.

**Saturday, August 8**

4-H Dairy Round-up, Dauphin County, Farm Show Complex.

Clinton County Fair, Castanea, until Saturday.

Greene County Fair, Waynesburg, until Saturday.

# USDA proposes swine brucellosis indemnity

WASHINGTON, D.C. — U.S. Department of Agriculture officials who direct the brucellosis eradication program are proposing to increase the indemnity paid for breeding swine destroyed because of the disease.

Paul Becton, director of the national brucellosis eradication effort for USDA's Animal and Plant Health Inspection Service, said the proposal would increase the maximum indemnity from $25 to $50 for registered, inbred or hybrid breeding swine and from $10 to $25 for all other breeding swine.

"The increase is needed to offer more equitable compensation to owners of affected swine and to encourage owners to promptly eliminate infected breeding swine and thereby reduce the spread of the disease," Becton said.

Brucellosis is a contagious, infectious disease that affects animals and man. A cooperative state-federal program to eradicate brucellosis from cattle and swine is being carried out in each of the states.

Program officials believe the increase in indemnity for swine will accelerate the brucellosis eradication effort.

At the present time, 857 counties have qualified as validated brucellosis-free. This includes all counties in 16 states — California, Colorado, Idaho, Iowa, Maine, Minnesota, Montana, Nevada, New Hampshire, Oregon, South Dakota, Utah, Vermont, Washington, Wisconsin and Wyoming — plus Puerto Rico and the Virgin Islands.


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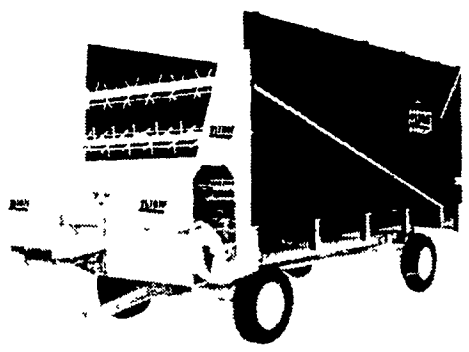

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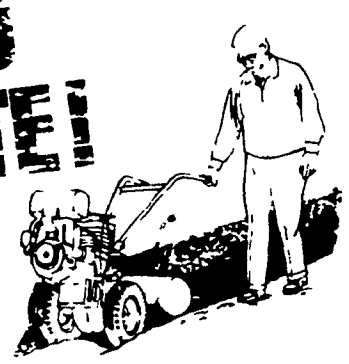

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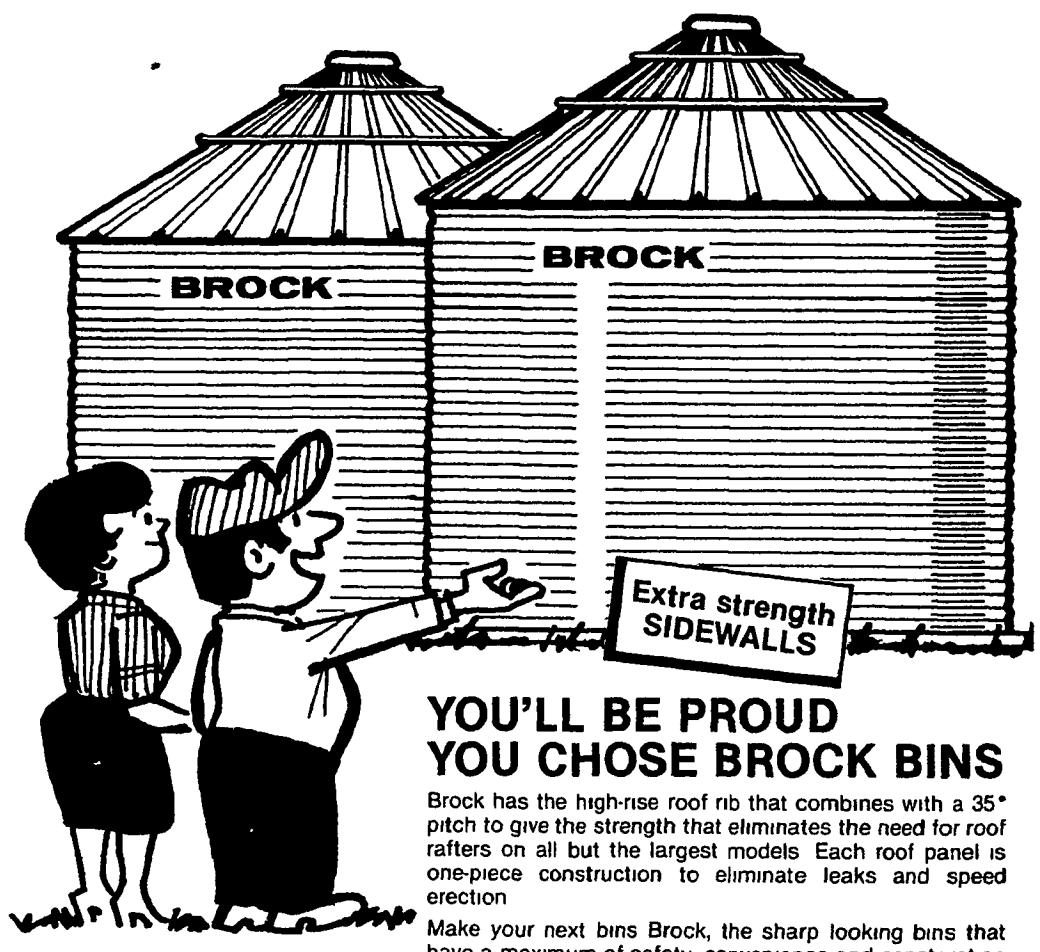


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# Troy Fair Dairy Show boasts 200 entries

TROY — The Troy Fair open dairy shows welcomed 200 of Bradford County's outstanding cattle and dairy producers last week.

The event began with the 102-head Holstein show on Thursday and wrapped up Friday with two colored breed shows — Jerseys and Guernseys. Judging the two days of competition was John Marchezak of Bentleyville, Washington County

Windy Mont Farm, Columbia Crossroads, walked away with a number of Holstein show trophies. They exhibited the grand champion female, the senior champion, and the top 4-year-old. They also had the best three females, and, along with Calkins Farm, Troy, had the senior get of sire.

Calkins Farm captured the reserve grand champion, reserve senior champion, and top senior 2-year-old honors. They also took top seating in the group classes, winning the blue ribbons for top dairy herd, produce of dam, and dam and daughter.

The junior champion Holstein award went to the entry of Lynn and Bonnie Miller of Towanda, the top senior yearling. They also received top honors for junior get of sire.

The reserve junior champion was exhibited by Braund Valley Farm, Troy. They had the top intermediate calf and junior yearling, along with the first place aged dry cow.

The best udder honors went to the entry of Richard and Marilyn Packard, Troy — their first place 5-year-old. The Packards also exhibited the first place 3-year-old and the first place 3 and 4-year old dry cow.

Hi-Lev Farms, Troy, went home with the lifetime production award and the ribbon for first place junior 2-year-old.

Junior calf and senior calf honors went to Yvonne Wilcox Scott and Deanna Sparling, respectively. Both winners are from Troy.

Premier breeder and exhibitor honors went to Richard Jenkins and family, Troy.

The senior champion exhibited by Jersey Maples of LeRaysville was selected by Judge Marchezak as grand champion in the 58-head Jersey show. The farm's entries took blue ribbons in the 3 and 4-year-old dry cow class, the aged dry cow class, and the 4-year-old class. They also received honors for best udder.

Robert Eick went home to his Columbia Cross Roads farm with a number of top awards, including the coveted premier breeder award. His top placing 5-year-old Jersey was selected for the reserve senior championship and went on to claim the reserve grand champion's honors. Eick also exhibited the first place junior yearling and junior 2-year-old, along with the best three females.

Shady-Hill-Side Farm, Troy, claimed their share of trophies during the Friday show, taking reserve junior champion and first place in three group classes. They had the top dairy herd, produce of dam, and daughter and dam entries, along with the top junior and intermediate calf entries, senior 2-year-old and senior get of sire. Their wins brought them the honor of premier exhibitor at this year's fair.

(Turn to Page A37)

The Richard Jenkins family of Troy smile happily as they accept the banners for premier breeder and exhibitor at last Thursday's Holstein show held during the Troy Fair in Bradford County. Pictured, from left to right are: Bob Jenkins, Mr. and Mrs. Richard Jenkins, Donald Jenkins, Judge John Marchezak, and Bradford Dairy Princess Jean Sheeley.


*Congratulations*

**To Mr. and Mrs.**

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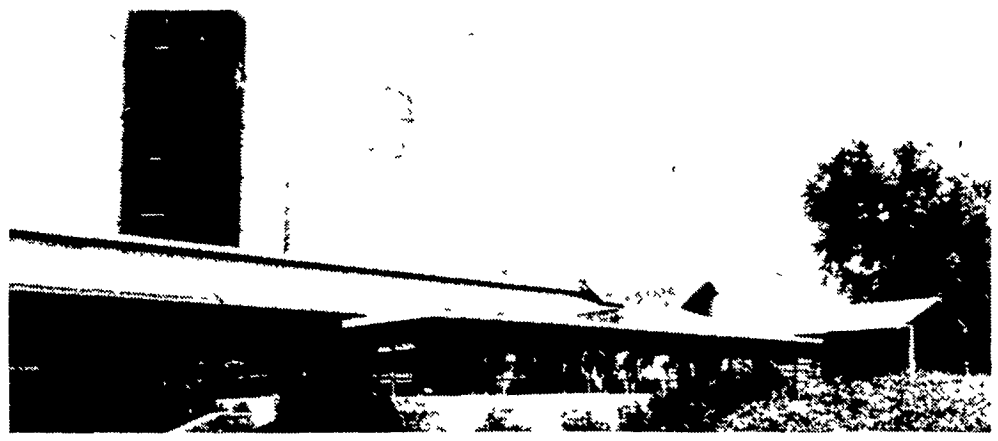

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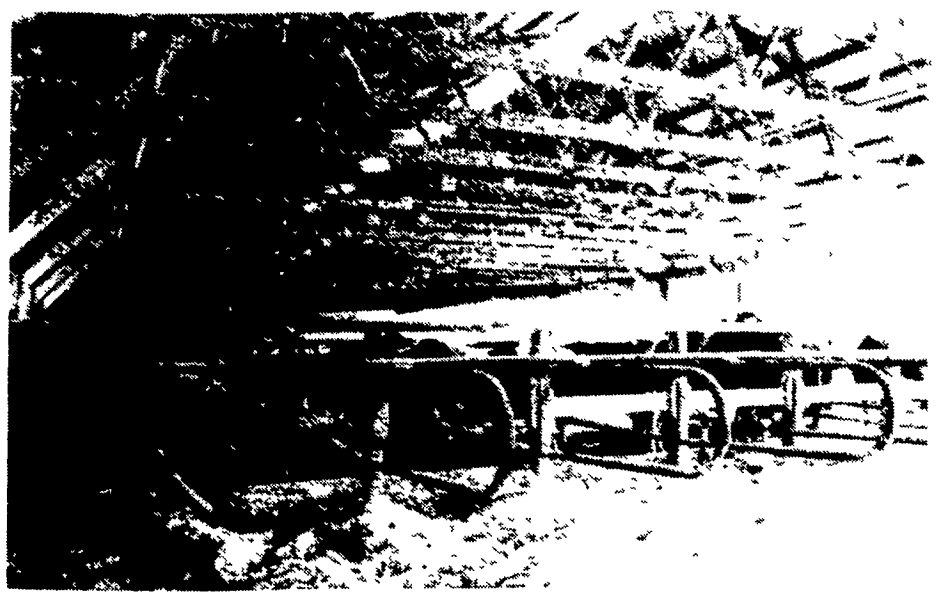

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# Is yours a deadly lifestyle?

UNIVERSITY PARK — Lifestyles are involved in nearly half of all deaths in the U.S. and Canada, a rural sociologist at Penn State reported recently.

Charles O. Crawford said there are six common hazards leading to unhealthy lifestyles. These are cigarette smoking, alcohol and drug abuse, overweight condition, lack of regular conditioning exercise, uncontrolled high blood pressure, and diets too rich in fat and sugar. He claimed such factors are involved in the deaths of 48 percent of Americans and Canadians.

Heredity was found to be the second most serious factor involved in deaths, contributing to 26 percent of all mortality. Environment, on the other hand, was related to only 16 percent of deaths. Crawford made his observations after examining studies of elements connected in some way to deaths.

Least related to deaths, involving only 10 percent of mortality, was a factor called health care organization or medical system. This category included deaths from overmedication, deaths in surgery, and inappropriate diagnosis and treatment for a wide range of illnesses.

If deaths are to be reduced, lifestyles or health risks must be changed, Crawford affirmed. He noted, at the same time, that environment can be changed. Heredity on the other hand, cannot be controlled. It was noted, however, that heredity can be taken into consideration in developing one's lifestyle.

Risk factors often overlooked, Crawford said, include regular long distance driving every year, not wearing seat belts, and mixing alcohol and certain drugs. Also dangerous are stressful events such as taking on a large mortgage or experiencing a divorce or loss of a loved one.

"We usually don't think of the latter items as hazards to our health, but experience shows they are important," Crawford stated.

He indicated Penn State's Cooperative Extension Service recently began a program of individual risk or hazard assessment, using computers. To participate, an individual completes a questionnaire inquiring about family history and a number of lifestyle components. When feasible, a blood sample is drawn for fat analysis, and blood pressure is examined.

All of this personalized information is entered into Penn State's computer system. Then it is integrated with national statistics on death rates for each person's age, sex, and race.

The next step is to obtain a personalized computer "printout" for each participant. The printout portrays a person's risk age — a measure which can be higher or lower than a person's actual age. A higher risk age means that an individual has the same chance of dying as an older person.

"If an individual smokes a lot, drinks in excess, is considerably overweight, has abnormally high blood pressure, drives a motor vehicle a high number of miles, and doesn't use a seat belt, he or she statistically has a much higher risk of dying than an individual not exposed to these risks," Crawford stated.

In such cases, he added, the individual's chances of dying may be equal to those of, for example, a 55-year-old white male when — in fact — the person is a 35-year-old white male.

"Chances" of "probabilities" are considered in figuring risk assessment, it was pointed out. People can have many hazards but, for some reason — often heredity — live into their 80's. However, for most persons, numerous health hazards mean a shorter life span.

After a person's risk age and related hazards are identified, the Penn State program focuses on risk reduction — often with the help of health professionals.

For most risk reductions, individuals need to change daily living habits, or should increase what is termed the "life-coping" skills. These include reducing undue stress and hazardous habits, and "respecting" dangerous technology such as farm and factory machines, autos, and electrical equipment. Such coping skills are accomplished by the individual alone or may be carried out best through group activity.

## Feed alert, scabby wheat causes health problems

COLLEGE PARK, Md. — Heavy scab infestations in some wheatfields this year could cause animal health problems when too much scabby wheat is fed to livestock. This warning comes from Dr. Robert C. Hammond, Extension veterinarian and veterinary science department chairman at the University of Maryland

Hammond explained wheat scab is caused by a fungus which produces Fusarium mold. Toxins from this mold entering an animal's blood system can prevent the production of antibodies, rendering the animal susceptible to a wide range of diseases. Horses and swine are particularly sensitive.

Unlike toxins produced by some other molds, the Fusarium toxins are not carcinogenic. That is, they do not produce cancer. And there is virtually no danger to humans from carryover in the milk or meat from animals which have consumed these toxins.

Animals suffer little or no ill-effect from feed rations containing Fusarium toxins with a concentration of less than one part per million. (This would be equivalent to one drop of vermouth in 80 fifth of gin.) But concentrates of only 2 to 5 parts per million have been shown to inhibit antibody production.


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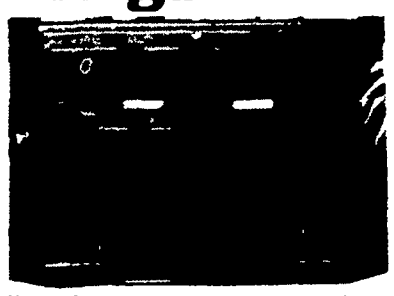
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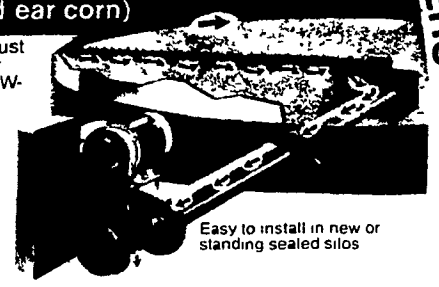
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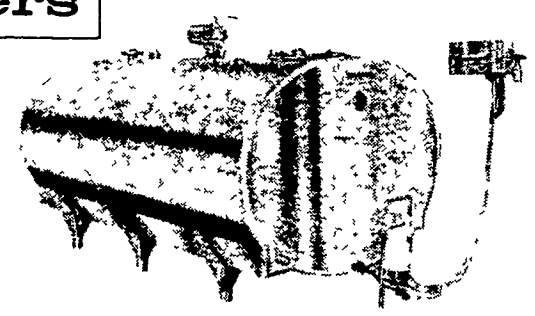
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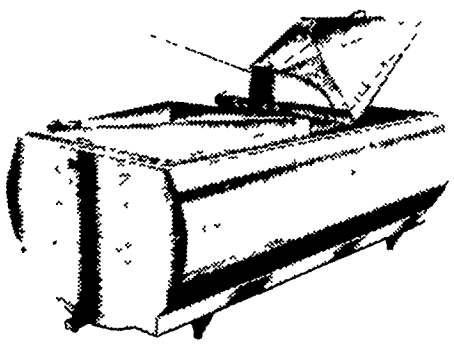
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# Troy Dairy Show

(Continued from Page A35)

John Allford's senior yearling entry captured the junior championship for the East Smithfield dairy producer.

Denise Kneller of Troy exhibited the first place senior calf and the junior get of sire. And Eugene and Brian Harris of East Smithfield took the blues for lifetime production and top 3-year-old in the Jersey show.

In the 40-head Guernsey show, the Wilcox Brothers of Canton captured the grand champion honors with their senior champion entry, along with the reserve junior championship. They exhibited both the first place 3-year-old and 4-year-old, the best three females, and the top junior yearling. The Wilcoxes, along with the Wright Brothers of Canton, had the top senior get of sire.

Wright Brothers also had the junior champion Guernsey and the first place produce of dam entry. Their blue ribbons in the senior yearling class, 3 and 4-year-old dry cow class, and senior 2-year-old helped to earn the distinction of premier exhibitor for the farm.

Premier breeder honors went to Brackman Brothers, Canton. Their first place 5-year-old captured the senior championship before claiming the reserve grand champion's trophy and the award for best udder. The farm also exhibited the first place daughter and dam, dairy herd and junior 2-year-old.

Chris Brackman showed the first place intermediate calf.

Charles Castle of Canton took the blues for his senior calf, junior get of sire, and aged dry cow entries at Friday's show. And Bernard Hunsinger, also of Canton, exhibited the top junior calf in the Jersey competition.

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# Welcomed rains fall on Pa. fields

HARRISBURG — Much needed rain fell over most of the Commonwealth during the week of July 27 but left only four days suitable for farm field activities, according to the Pennsylvania Crop Reporting Service.

Field activities included harvesting sweet corn, cabbage, snapbeans, green peas, potatoes, peaches and apples; making hay; harvesting small grains; baling straw and clipping pastures.

The harvesting of sweet corn, snapbeans, green peas and cabbage continues throughout the commonwealth. The apple and peach harvest has now extended into northern areas. The size and color of apples and peaches are reported as good but some varieties are in short supply. Tomatoes and potatoes are being harvested in many areas, particularly in the south. Some dry rot was reported in tomato fields.

The wettest week since early June increased topsoil moisture across the state. The supply was rated mostly adequate with some short and surplus areas reported Northern topsoil moisture was rated 81 percent adequate, 13 percent surplus and six percent short while the central region rated moisture supply at 88 percent adequate and 12 percent short. The south reported topsoil moisture at 55 percent adequate and 45 percent short.

The rains also spurred corn growth as the average corn height statewide was reported 64 inches, 13 inches higher than last year at this time Average height in the northern, central and southern regions was 57, 63, and 73 inches respectively.

Statewide, barley was reported as 90 percent harvested and eight percent ripe, slightly ahead of last year. The barley harvest is virtually complete in the south while the central region reported the barley crop 95 percent harvested and five percent ripe. The north reported the crop 65 percent harvested, 30 percent ripe and five percent turning yellow.

Pennsylvania's 1981 wheat crop is still ahead of last year with 71 percent of the crop harvested, 23 percent ripe and six percent turning yellow.

The south reported wheat 89 percent harvested and 11 percent ripe; the central region reported wheat 77 percent harvested and 23 percent ripe; and the north reported the crop 41 percent harvested, 40 percent ripe and 19 percent turning yellow.

Oats are eight percent headed, 34 percent turning, 34 percent ripe and 23 percent harvested statewide. The south reported oats 20 percent turning, 38 percent ripe and 42 percent harvested; the central region reported the crop 31 percent turning, 45 percent ripe and 24 percent harvested; while the north reported oats 25 percent headed, 51 percent turning, 18 percent ripe and less than five percent harvested. Some lodging was reported in all three regions, but particularly in the north.

Wet weather slowed haymaking somewhat across the state as the second cutting alfalfa harvest was reported 65 percent complete. This is still ahead of last year when the crop was 52 percent harvested. The second cutting alfalfa harvest was reported to be 84 percent complete in the south, 70 percent complete in the central region and 40 percent complete in the north. Leaf hopper damage was again reported in all regions as spraying continues to try to control the pest.

Hay quality in the state this week was mostly good to fair. Second and third crop growth was reported to be looking good although some farmers feel lack of rain slowed growth. Feed from pasture was rated average to below average statewide. Southern pastures were rated 64 percent average and 36 percent below average; central region pastures were rated 73 percent average, 20 percent below average and seven percent above average; and northern pastures were 86 percent average, seven percent below average and seven percent above average.

# Syndicate buys high-selling Holstein at Berks

A newly formed syndicate who adopted the name Sparkie Syndicate after their purchase of the Lot 1 heifer at Thursday evening's Berks County Holstein Club Sale purchased Russelldale Jerry Sundown, the July 30, 1979 daughter of Eng-Amer Ivanhoe Jerry, for the top price of $7400. Bred to Marshfield Elevation Tony, the heifer was consigned by Ray E. Bicksler, Richland, who retained 1/3 interest in the animal.

Pictured with the high-selling Holstein are: from left, Betty Jean Hoch, Berks Co. Dairy Princess; Barbara and Ray Bicksler, consignors; Dean Hartman, Reading and Dave Nirschl, Mohrsville, buyers; with leadsman Ken Fabian and auctioneer Doty Remsburg and Norman Hill. The 38 head sold averaged $2357.


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# Sale Reports

A public auction of heifers and farm machinery was held on July 25, near Strasburg, Lancaster Co.

Some of the prices included: heifers $800-$1,600; Corn $125 per ton; Farmall 300 tractor $1,450; Farmall 2000 $1,700; Ferguson 30 $2,025; Farmall 656 $4,500; 14 horse power bushhog $760; 1-row Int. corn harvestor $3,100; Honda Odyssey $885; Troy Rototiller $800; Milk Cans $17.50 each; Tobacco lathe $12.00 a hundred.

Auctioneers were Kreider and Kline.

A public auction of real estate of George and Juniata Ricker was held on July 25, near Benton, Columbia County, Pa.

The 55 acre farm with 24 tillable acres, and 31 wooded with a main house and additional buildings sold for $65,000. No personal property was sold.

Autotore's Auction service conducted the sale.

A public sale of farm equipment, household goods, and real estate was held for the property of Harry and Elva James was held on July 25, near Danville, Montour Co

Real estate sold high with prices as follows: Parcel #1 — 99 acres, $165,000; Parcel #2 — 12 tillable acres $11,500; Parcel #3 — 9 acres of woodland $5,500.

Property sold for: cast iron bell $310; corner cupboard $2,300; 3 pc. oak bedroom suite $500; '78 Chrysler $4,000; N.H. picker $2,000; Dion unloading wagon $1,850; Rototiller $525; J.D. Antique Tractor $1,675; 1850 Oliver $4,800.

Autotore's Auction service conducted the sale.

A large 2 day public sale of the property of Samuel Conley was held on July 24, and 25 in Etters, York County.

Some of the over 2000 items sold in the sale included: horse collars $25; wagon seat $82.50; two horse wagon $440; Case tractor $510; John Deere-B tractor $770; John Deere-520 $1,800; John Deere-999 corn planter $250; Gehl stalk beater $172.50; shovel plow $115; 2 gas engines $130 and $215.

Blaine N. Rentzel was the auctioneer.

## PUBLIC SALE

**Of Antiques, Farm Equipment, Tools & Indian Items**

**SATURDAY, AUGUST 8, 1981**
At 10 A.M.

Located between Hahnstown and Reamstown. DIRECTIONS: At Intersection of Rt. 222 & Rt. 322 take Hanstown Rd. (near Bergstrasse Church) for 3 miles East. Follow pointer signs. East Cocalico Township, Lancaster Co., Pa.

### Antiques & Household Goods

Walnut Dutch Cupboard (Rat Tail Hinges); Low Dry Sink; 6 leg Cherry Drop Leaf Table; Oak Sideboard; Square Oak Extension Table; Oak Double Bed; Oak and other Parlor Tables; Rishell Victrola; Antique Crib; Rope Trundle Bed; Fiddleback Boston Rocker; Cane Seat Rocker and Chairs; Child's Chairs; Cedar Chest; 19" RCA Color TV; 12" B & W TV; Trunk; Norge Automatic Washer & Dryer; 2 Gingerbread Mantel Clocks and other Mantel Clocks; Misc. Cupboards; Kerosene Lamps; Aladdin Kerosene Light; Buggy & Carriage Lights; Picture Frames; Old Kerosene Can; Butcher Forks; Laddles and Dippers; Brady - Mt. Joy Wood Burning Stove; Coal Bucket and Shovel; Wooden Pie Paddles; Slaw Board; Sewing Baskets; Depression Glass; Misc. China & Glassware; Picture Frames; Set of Limoges China; Etched Wine Set; Misc. China and Glassware; Canning Jars; Wash Boards.

Large and Small Brass Hand Bells; Brass Bucket; Copper Wash Boiler & Copper Lid; Copper Tea Kettle; Large and Small Brass Bells; Crocks & Jugs; Earthen Spittoon; Lucky Strike Cigarette Tin; Mosemann's Peanut Butter Tin, Texas Centennial Hat 1836-1936. LOCAL INDIAN ITEMS — many Arrow Heads; Tomahawk

### Farm Equipment

(Original) "Gruber" Farm Wagon, excellent condition; Allis Chalmers "B" Tractor with Hydraulic Litt, Cultivator and Plow; McCormick Disc; 2 Section Spring Harrow; Cultipacker; #309 Ford Cornplanter; Shovel Harrow; Fodder Shredder; Cash Iron Implement Seat; Trailer; Hay Ladders; Lawn Vacuum; #18 New Idea Manure Spreader; Montgomery Ward Hammermill; 5 H.P. Roto Hoe Tiller (rear tangs); 2 David Bradley Tractors with Equipment, one with reverse; 18" Jacobsen Reel Type Mower; Small Metal Corn Crib; Tobacco Lath; Old Doors and Windows.

### Tools

¾ h.p. Air Compressor; 14" DeWalt Radial Arm Saw (24" Cross Cut, 28" Rip, Commercial Model); Saw Filing Machine for Circular and Hand Saws; Porter-Cable Router with Plane Attachment and Door Hinge Jig; 6½" Skil Saw; Skil 3/8" Drill (Reverse); Skil ½" Drills; Clark Orbital Sander; Porter Cable Saber Saw; Porter-Cable 3/8" Drill; Shaper (Tool Craft); Bench Vise; Craftsman Moulding Plane; Stanley-Bailey Plane (Corrigated Bottom); Treadle Turning Lathe; Large Belt- Driven Grinder; Large Anvil; Blacksmith Forge; Bar & "C" Clamps; Saw Clamps; many Hand Augers; High Speed and Auger Bits, many Axes; "Stohler" Camping Axe; Broad Axe, Brady Broad Ax; Stohler Broad Ax; Snitzle Bunk; Stohler Post Hole Ax; Hatchets; Spoke Shaves; Stone Hammers; Bolt Cutter; Adzes, many Wooden Moulding Plane; many Chisels; Sledge Hammers; many Drawing Knives, Large Augers; Homemade Carving Tools; many Hand Saws; many Buck Saws; 2 Man Saw; Saw Vises and Sets; Levels; Screws, Nuts & Bolts; Wrenches; Tap & Die Set; Nail Pullers; Grease Guns; many Electric Items; Bolt Cutters; Socket Set.

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**FRIDAY, AUG. 14, 1981**
At 4 P.M.

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**AUGUST 12, 1981**
At 7:30 P.M.

The undersigned discontinuing grain farming will offer for public sale located 1½ mile north of Manchester, Md. off Md. 30 on Fridinger Mill Rd. the following:

3 Grain Bins Consisting of: two 10,800 bushel, one 11,300 bushel - all having unloaders & sweep augers w/cooling fans. One 55 ft. grain auger w/5 hp. elect. motor. Cooling Fans for grain bin and all single phase motors.

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**MISC. USED SCHOOL SUPPLIES, SHOP EQUIP. & TRUCKS**
York City School Dist.

**SATURDAY, AUGUST 8, 1981**
10:00 A.M.

Located: Alexander D. Goode School at 251 N. Broad St., York, Pa.

**SHOP EQUIPMENT, ETC.**

Sheet Metal Creaser, Jig saws, Wood lathe, Metal lathe, file cabinets, Disk cabinet, Tape cabinets, Magnetic tapes, (250' - 1200' - 2400' - total of 270), card rack, storage cabinets, Graphotype - class 6300, addressograph - class 1900, 20" wide gas & electric stoves, 30" & 40" electric stoves, Hobart Potato Peeler, kitchen tables, 30 black & white TV's, TV stands, portable stage lights, Bell & Howell Cameras, stage spotlight, Polaroid 610 Projector, record players, tape recorders, Adding machines, typewriters, electric & manual Duplicators, DuKane Console, 70 ft. of antiques fence.

192 folding auditorium chairs (6 to a row), 340 single desk of various sizes, 296 school chairs of various sizes, 146 metal & wood chairs of various sizes, wood easels, antique book case w/cabinet, folding tables, drop leaf table, wooden dressers, rolling chair casts, Milk Venting machines, Rolling carts, vinyl chairs & couches.

The Following Items Will Be Sold At 1:00 P.M. 1961 Chev. Corvair Van, 1959 Chev. Pick-up w/Morrison Body; IBM 1131 Central Processing Unit; IBM 1133 Multi-plex CTL; IBM 1403 Printer. The IBM items will have to be inspected prior to sale. They are not located at sale location. For inspection Ph. Mr. Ness at 843-7182.

AUCTIONEER NOTE: All items must be moved by Wed , Aug. 12, 1981. All items "SOLD AS IS."

TERMS: Cash or Good Check
All checks made to Auctioneer.

Purchase orders will be accepted, but payments must be made by Monday, Aug 10, 1981.

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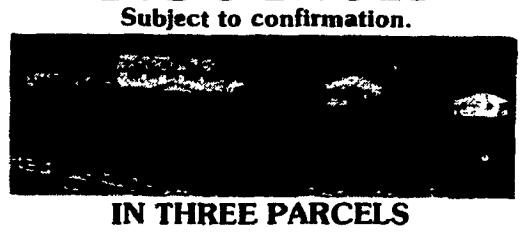

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**THURSDAY, AUGUST 13, 1981**
At 11 A.M.

At Lehigh International 6 mi. North of Allentown in Neffs, Pa. Selling by order of S.B.A. secured party under U.C.C. the following vehicles & equip.

'71 Int. Fleetstar tractor w/Schwartz 42' dropdeck trailer; '70 GMC w/18' roll back body; '72 Ford ¾ ton pickup; '74 Int. ½ ton pickup; '74 & '76 Scouts; '77 AMX; '78 Omni; '74 Matador; Snow Co. tilt bed trlr; Industrial duty air comp; Jenny steam cleaner; parts washer; 75 ton hyd. press; Industrial duty drill press; metal cutting band saw; oxy-Acetylene outfit; 180 amp welder; 3000 watt alt.; floor jack, port. floor cranes; plus full line of tools & testers found in well equip. shop; Minolta copier; accounting machine; metal desks & chairs; file cabinets; adding machines; time clock; only a partial listing, full ad next wk. or contact Auction Co. for full list.

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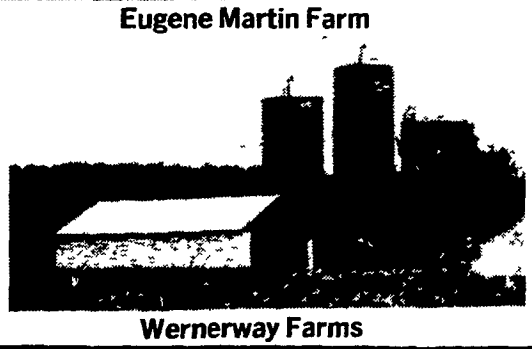

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**WEDNESDAY, AUGUST 5, 1981** 10:30 A.M.

Meeting Place : Quentin House Restaurant,
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**FOR MORE INFORMATION, CALL MARVIN BENNETCH - 215-267-3355**

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**WEDNESDAY, AUGUST 5, 1981**

**7:00 P.M.**

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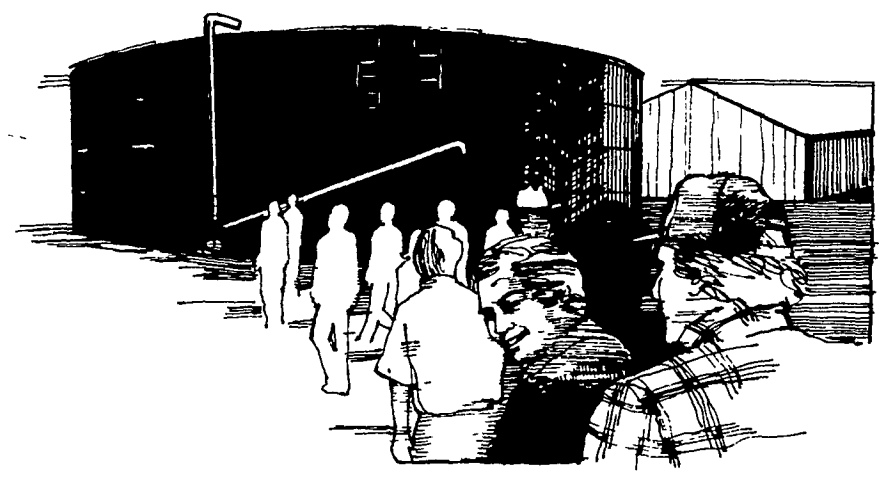

Son, Joel - Left & John, Right

## BERKS COUNTY FIELD DAY

**THURSDAY, AUGUST 6, 1981**

**10:00 A.M.-3:00 P.M.**

**JOHN LASH FARM**
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Directions: North of Reading By-Pass On #183 . . . Follow Through 2nd Light. . . Turn Right At Intersection, Bern Church on Left. . . Go To Fork In Road. Follow Right. . . Farm On Right.

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In fact, Wayne research has shown that for their first five weeks, calves fed 4th Day

can require up to 23% fewer treatment days for scours.

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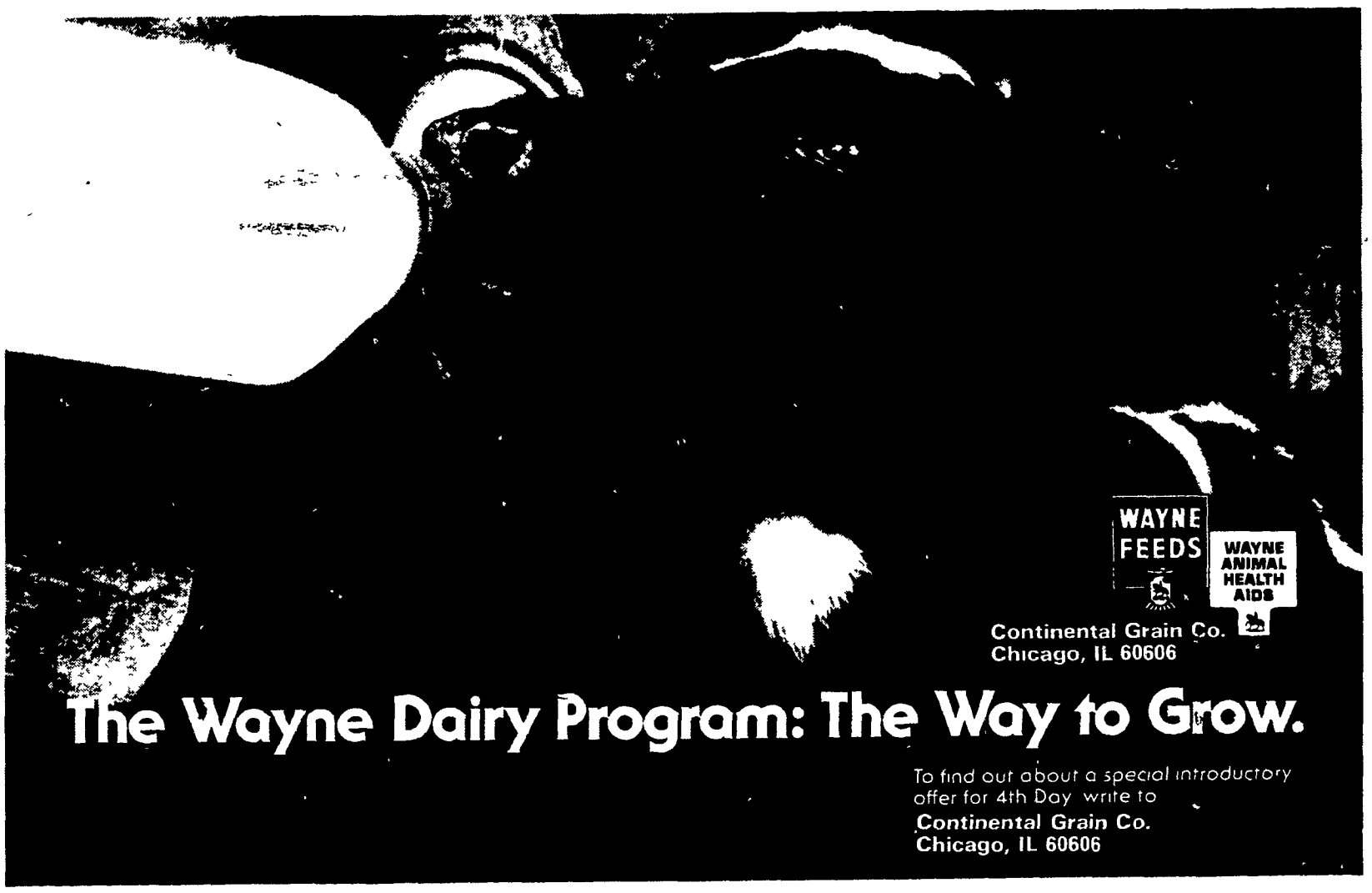


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# Farm Business News

# Pioneer keeping 'Queen Alfalfa' on throne

BY DICK ANGLESTEIN

MOUNTVILLE — Alfalfa is still queen of the forages.

And Pioneer aims to keep her on that throne.

That was the gist of a field day held Tuesday at the alfalfa research center of Pioneer Hi-Bred International, Inc. on the Guy Eshelman farm southeast of Mountville.

Pioneer research and sales personnel outlined the company's all-out commitment to a continuing nationwide effort at genetic improvement that literally stretches from coast to coast.

The Lancaster County research center, opened in 1979, is just one of seven such facilities across the country which are working toward some of the greatest plant breeding improvements since early European colonists brought the plant to this country under the name of lucerne.

"We've been in the alfalafa seed business for 20 years, but it's only been in the past three or four that Pioneer has embarked on this all-out commitment," Vance York, coordinator for alfalfa and wheat research at the Tipton, Ind. headquarters for Pioneer, said.

"We've not only established these seven research facilities in different parts of the country, but Pioneer has increased its seed production capacity, too."

York went on to explain the importance of genetic improvement to boost forage yield by showing that just one more bale of hay per acre per cutting can amount to $120 for the alfalfa grower.

On display at the field day were two mobile forage comparison scales which can pull into a farmer's field, cut a short swath and in a matter of minutes show what the yield will be in tons per acre.

"These machines can really help the farmer in comparing the performance of one variety against another and showing how much better a yield can be expected," York said.

One of the machines is being used at the Lancaster County research center.

Following introductory remarks and the showing of a movie explaining Pioneer alfalfa seed research, visiting farmers, extension personnel and vo-ag teachers toured the research plots.

In the clone nursery area, Ed Pointer, research station manager, explained how individual plants are deliberately subjected to various diseases to determine their individual degree of resistance.

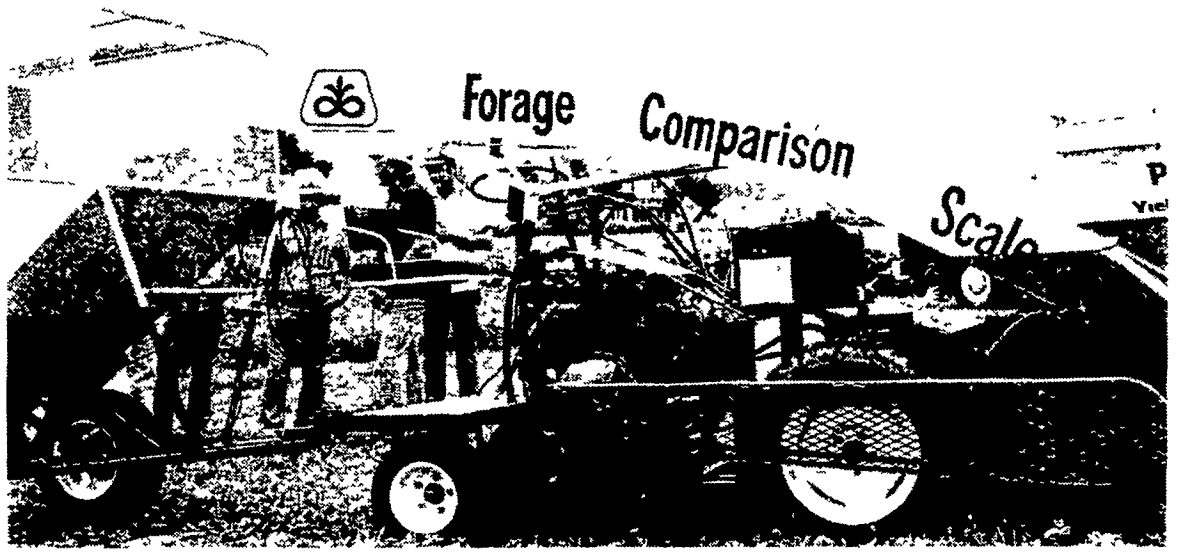
"One of the disease studies here is anthracnose," Pointer said.

"Each of these plants have been injected in the stem with anthracnose innoculant. We're deliberately giving the plant the disease to see if it will survive."

Plants that come through the disease tests are then sent to California for seed yield tests.

"We look for forage yield here," Pointer said.

With variety test plots in foreground, Vance York, of the Pioneer headquarters in Tipton, Ind., explains continuing work with approved varieties being marketed and those still in experimental stage to group of farmers at alfalfa field day. York cited #531 as the top finisher in Michigan State and Ohio State tests, as well as the leading variety averaged among three Pennsylvania locations.




This mobile Forage Comparison Scales, which is being used at the Pioneer alfalfa research center in Lancaster County, can pull into a field, cut a short swath and within minutes tell the expected yield in tons per acre.

"Out West, we check the seed yield and then plants which combine a good yield for both are selected.

Bacteria wilt and crown rot are other diseases which are studied, too.

In progeny row tests, the plants' capability to produce good offspring is studied.

"We want alfalfa that's tall, wide and dark green," Pointer said.

Each of the progeny rows are cut separately to be checked not only for yield, but disease response and insect damage. Both fast and slow recovery types are studied.

In the variety test plots, York explained that current research efforts are directed at bringing the fast and slow recovery or early maturing and longer term varieties closer together concerning how long they will last.

One experimental variety, which is some three or four years down the road before commercial introduction, is being developed for resistance to verticillium wilt, which is a problem in the West.

Three varieties now on the market continue to be studied in Lancaster County. Number 531 has emerged in the top spot in Michigan State and Ohio State tests and an average of three Pennsylvania locations also puts it on top.

"It is an outstanding yielder with resistance to anthracnose," York said.

Number 524, a slow recovery variety, has excellent tolerance to leaf hopper, York said.

A new variety for next year will be Number 526, a fall dormant, which has the potential for higher yield but not as good tolerance to the leaf hopper.

Rhizobia tests, involving Pioneer's seed innoculant, are also under way near Mountville. The innoculant is being produced just for Pioneer seed and it has been found that one strain works on different varieties.

Yield tests, using the in-field forage comparison scales, are being conducted over a three-year period at the research station.

Ed Pointer, manager of the Pioneer alfalfa research center near Mountville, discusses results of anthracnose studies conducted in clone plant nursery.

# *Wayne introduces milk replacer*

CHICAGO, IL. — "4th Day Milk Replacer," a high fat feed product for newborn dairy calves, has been introduced by Wayne Feeds. The product is fed after the calf receives colostrum milk from its dam for the first three days of the calf's life.

New "4th Day Milk Replacer" contains 20% fat, 20% all-milk protein and an effective antibiotic combination.

"More and more of our dairy feed customers are asking for a higher fat content product," explained Gary Hartnell, Wayne's Dairy Research Specialist who developed the new milk replacer. The combination of ingredients used resulted in fewer treatment days in newborn calves.

The new milk replacer is recommended for use in dairy herds that have had problems with baby calf scours and for calves fed outside in calf hutches during the winter, according to David Fox, Wayne Marketing Manager/Dairy.

Neomycin base and oxytetracycline, the two active drug ingredients, aid in the prevention of bacterial diarrhea, or scours. In addition, "4th Day Milk Replacer" contains not less than 15,000 IU/lb. of vitamin A and not less than 3,000 IU/lb. of vitamin D3.

In research conducted by Wayne Feeds, newborn calves fed "4th Day Milk Replacer" for five weeks had 23% fewer treatment days than those fed a non-medicated all-milk protein milk replacer, Hartnell reported.

"A new manufacturing process makes '4th Day' easier to mix, dissolve more quickly and completely, and stay in suspension longer," he added.

To introduce "4th Day Milk Replacer," thousands of dairy families are being mailed packages containing (1) a cigar labeled "It's a girl," announcing the "birth" of a new product to be used after the birth of a heifer calf; (2) a silk rose (another symbol of a birth) plus a redemption offer for an additional 11 roses, and (3) discount coupons for a purchase of "4th Day Milk Replacer."

"4th Day Milk Replacer" is marketed by the Wayne Feed Division of Continental Grain Company through Wayne Dealers in the eastern two-thirds of the U.S.

# Poultry production increases in Pa.

UNIVERSITY PARK — Broiler and turkey production in Pennsylvania and the U.S. is on an upward trend, according to statistics released by the Penn State Cooperative Extension Service.

Although broiler production in the U.S. is on the rise, it has increased less than 1 percent in 1980 over the levels of 1979.

Pennsylvania produces 111.6 million broilers and ranks 11th among the states. This production level represents an increase of 108 percent from the 1970's level, giving Pennsylvania the highest rate increase for broiler production in the United States during the decade from 1970 until 1980.

Producing 5.5 million turkeys annually ranks Pennsylvania ninth in turkey production. This represents an increase of 140 percent from production levels of 1970 and ranks as the second highest increase among the states for that decade.

Per capita consumption of both broilers and turkeys has also increased from the 1970's levels. Broilers enjoyed an increase from 36.9 pounds to 48.1 pounds of retail weight product. Turkeys, on the other hand, increased over 2 pounds to present per capita consumption levels of 10.6 pounds.

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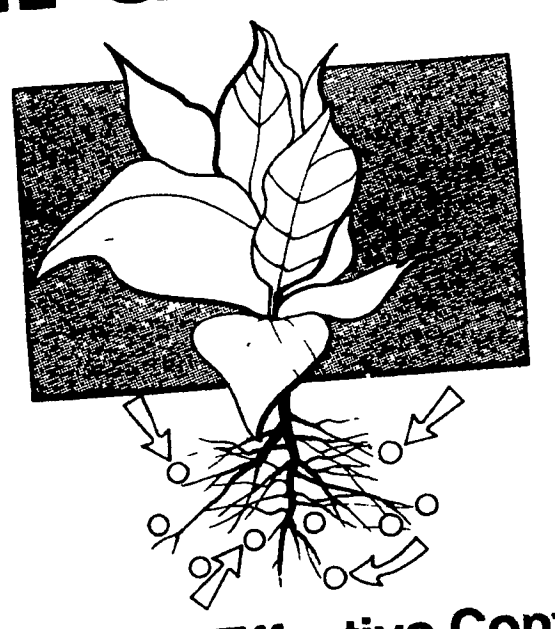

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# How to stop scab from scarring next year's grain

NEWARK, Del. — This year's scab can scar next year's grain fields, according to University of Delaware Extension plant pathologist Bob Mulrooney.

He cautions farmers to be aware of the amount of scab that occurred in this year's wheat crop and to keep in mind that the disease can be carried over from one crop to the next, both in the seed and on crop refuse in the fields.

"The fungus carried with the seed can infect wheat seedlings next year as seedling blight, while the fungus from cornstalks or wheat or barley straw allowed to remain over winter on the surface of the ground may infect the heads on next year's crop, causing head blight," he explains. "Scab occurs most commonly when wheat follows corn in the rotation."

The scab fungus attacks both the seedlings and also the heads of plants. Infected seedlings are killed or greatly weakened. The infected parts of heads are killed. The most conspicuous symptom in this case is a premature drying of one or more spikelets, giving the infected part a bleached or whitened appearance.

Usually pink- or salmon-colored masses of spores of the scab fungus are evident at the edges or bases of affected glumes. The kernels in killed parts of the head are greatly shrunken, almost white and scabby in appearance — hence the name "scab".

The milling value of scabby wheat is low, and infected grain is objectionable as feed because it makes animals sick. Growth of fusarium fungi in scabbed grain produces toxic compounds (mycotoxins) that cause muscle spasms, acute vomiting, nausea, dizziness, diarrhea and soreness in man, young chickens, pigs, dogs, horses and other non-ruminant animals with simple stomachs. More than three percent scabby kernels in swine feed is poisonous to hogs.

Pigs that are fed 10 percent or more of badly scabbed grain vomit and then refuse to eat the mixture. Cattle, sheep and mature poultry (except pigeons) do not react to scabbed grain. But because one of the mycotoxins involved has some estrogenic activity, scabby grain should not be fed to breeding animals.

Scabbed wheat kernels are easily removed by modern grain cleaning equiment. Scabbed barley and oak kernels are much harder to separate from healthy grain.

Scab is difficult to control, says Mulrooney. In areas where it is frequently severe, the most effective control is obtained by not sowing wheat after corn. If you must do this, cornstalks should either be plowed under thoroughly or cut as low as possible and removed from the field before the land is disked. The seed should always be cleaned thoroughly and treated with a protective chemical before sowing, if you're saving over some of your own grain as seed.

Some wheat varieties are less susceptible to scab than others, but none is even moderately resistant, says the specialist. He recommends growers consult their copy of the extension Wheat and Barley Review for disease ratings.

The plant pathologist recommends growers adopt the following practices to minimize the incidence of scab in their grain crop next year:

- Plow under cleanly and deeply all infected stubble and straw of small grains and weed grasses, cornstalks and rotted ears. Complete coverage of crop residues helps reduce head blight infections. Sanitation is most effective when it is done on a community-wide basis, so talk with your neighbors about doing this, too. Manure containing infected straw or cornstalks should not be used for top dressing.
- Sow only plump, small-grain seed that has been thoroughly cleaned to eliminate all lightweight seed and then treated with carboxin (Vitavax) or a combination of carboxin plus captan, maneb or thiram (sold as Vitavax 200). Proper seed treatment controls seedling damage from infected seed. But it will not control the head blight or scab, foot rot and stem blight phases of the disease.
- Delay the sowing of winter cereal grains until the temperature is 60° Fahrenheit or below, to reduce the chances of severe seedling blight.
- Sow adapted and recommended small-grain varieties in a fertile, well-prepared seedbed. Rotate small grains and corn with legumes, allowing at least one-year break in cereal, grass or corn cultivation. Plant small grains as far as possible from old cornfields.
- No highly resistant varieties of wheat, oats, barley or rye are available. Some varieties are infected less frequently, apparently because of physical barriers to the infection of florets and spikelets.

# Hammer is new Deputy under Secretary of Ag

WASHINGTON, D.C. — Secretary of Agriculture, John R. Block has appointed Thomas A. Hammer, of Falls Church, Va., to be deputy under secretary of agriculture for international affairs and commodity programs.

In his new position, Hammer will help formulate and administer policies for USDA's Agricultural Stabilization and Conservation Service, Federal Crop Insurance Corporation, Foreign Agriculture Service and Office of International Cooperation and Development.

Before his appointment, Hammer worked as an agricultural consultant for several agricultural businesses and as national affairs director with the American Farm Bureau Federation here. During 1974-75, he worked as an economist with Mitsubishi International Corporation in Washington. He has also worked as a banker and served as a pilot in the U.S. Navy.

Hammer earned a bachelor of arts degree in political science from Marietta, Ohio, and a master of business administration in finance and international business from George Washington University, Washington, D. C.

Hammer is married to Jennifer Florer of Marietta, Ohio.


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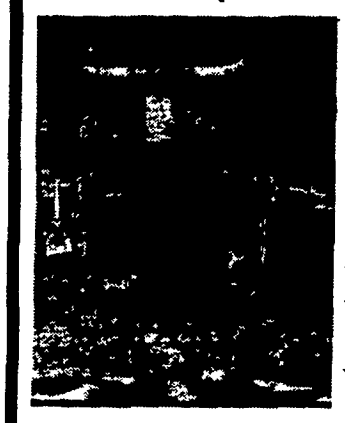

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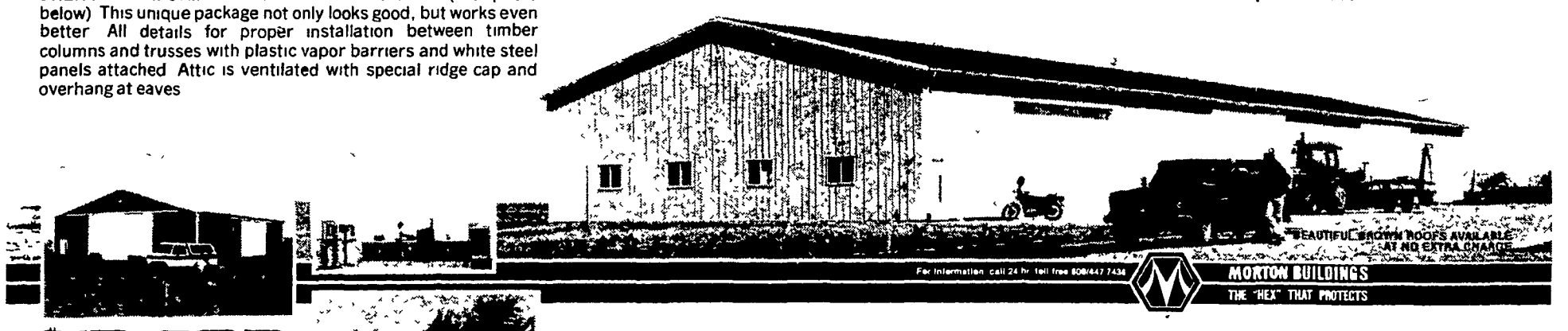
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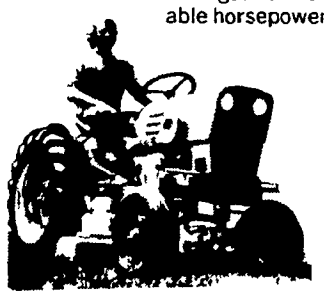

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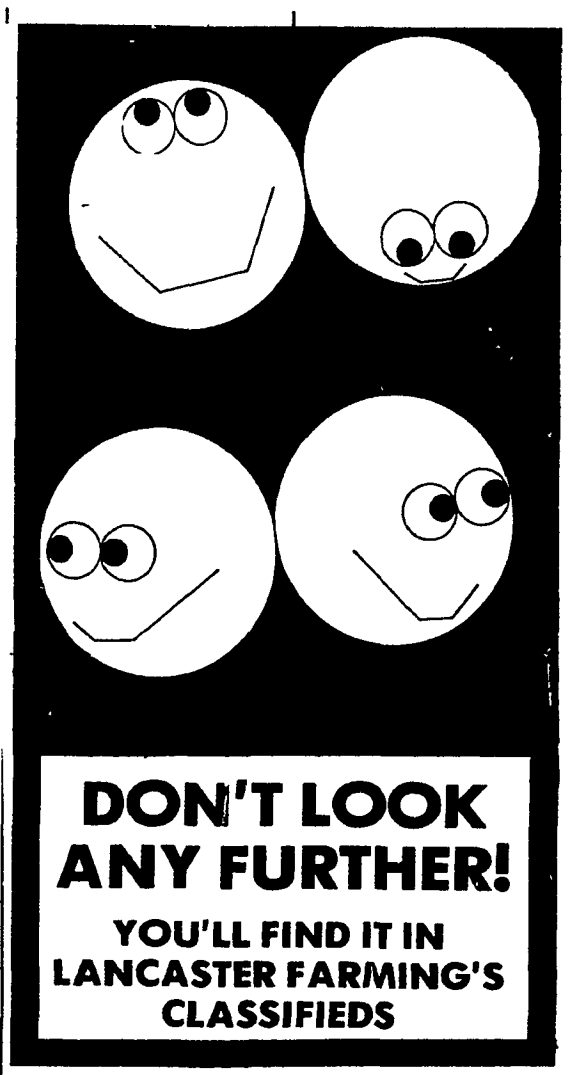

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**CLASSIFIED ADS**
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Deadline Thursday morning at 9 of each week's publication.

**Lancaster Farming**
P.O. Box 366
Lititz, PA 17543
717-394-3047
or Lititz
717-626-1164

**FARM EQUIPMENT**

For Sale - Fox silage blower on steel with pulley and pipes 2 Brock grain bins 1700 bu new never set up John B Stoltzfus, Kirkwood, Pa Box 267 on Hill Road, Lancaster County, Pa 17536

WOODWORKING - METALWORKING MACHINERY POWER TOOL CATALOG 50 cents WILKE MACHINERY, Dept LF , 1519 Mt Rose , York, Penna 17403

1971 IH TD7 w/6 way blade, 1971 125 IH loader, reasonably priced 215 434-7004

Air Conditioned Cab Year-A Round cab, series QT1 model 214, 2 yr old, $1500 201-449-6140

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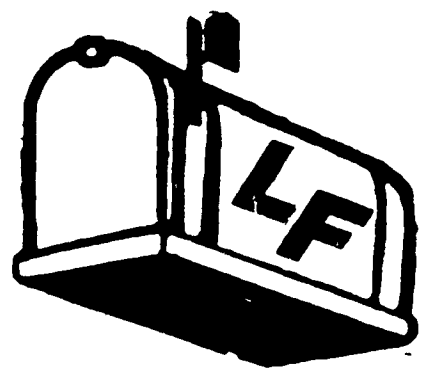


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BUY, SELL, TRADE OR RENT THROUGH THE

# CLASSIFIED ADS

**PHONE: 717-626-1164 or 717-394-3047**

## FARM EQUIPMENT

Farmers & Dealers Your advertising pays for itself when you advertise your equipment in the farm equipment section 717 394 3047 or 717 626 1164

NH 402 crimper, NH 404 crusher, NI 751 & 752 crusher, Mc 7D rotary scythe (new knives), Zimmeran 32' elevator, McD #9 ensilage cutter 717 687 6553, eves & weekends 717 687 8021

For Sale AC 170, IH 10 drill 717 438 3115

For Sale 880 Oliver diesel, good condition 3 galvanized Martin cupola ventilators 717 866 7565

Chisholm Ryder snap bean harvester on IH hydro 70 & 666 tractors, hyd drive, reconditioned and painted, 609 769 3183

Old two cylinder John Deere fly wheels rebuilt with our patented steel draw in hub which has the ability to tighten up on new or worn crank shafts Also available new manufactured unbreakable fly wheels Allen Machine Works, RD #7, Jonesboro, Tenn 37699, 615-753 5738 day or night

For Sale Bale thrower wagons, steel or wooden sides with 6 or 8 ton gears, also Zimmerman elevator in 28, 32, 36 & 40' lengths, plywood feed bins Will deliver and install, Stoltzfus Woodwork, Rd 2, Gap, PA 17527, 1 mile north of Gap along 897, 717 442 8972

JD 4020 side console, JD 70 WF, 20' Amco transport wing disc, 22" blade 717 786 2534

Farm tires and tubes, fronts, rears and implements, low, low prices, Eddie's Tire Outlet, Willow Street, PA 717-464-5008 or Chambersburg, PH 717-263 0013

**STRIKE IT RICH!**

**SELL IT WITH A LANCASTER FARMING CLASSIFIED**

## FARM EQUIPMENT

14 Brilliant cultipacker with transport wheels, Stump Acres, York Co 717 792 3216

**Crawler Tractor Parts.**
New and Used Parts Available for Cat, Allis Chalmers, IHC, Case, John Deere and others
Rubber tired construction equipment parts available for Hough Michigan, Galion and Cat Road Graders
Call or write for equipment & parts brochure
**VILSMEIER EQUIPMENT INC**
Route 309
Montgomeryville, PA 18936
Phone 215 699-3533

Ford Industrial engines, 4 cyl, gas, 172 cu in, used for NAA to 600 & 700 tractors, wood chippers, etc, perfect condition, $550 ea Middlesex Co, NJ 201-249 3090 days or 201 873 3769 eves

Wanted Oliver 77 or 88 in use or for parts Also wanted flatbed semi trailer in good shape, must be able to pass inspection Hagerstown, MD 301 739 8035

1971 IH 3514 diesel, completely overhauled, new rear tires, 90 day 50/50 guarantee $7995 Tunis Bros Co, Kennett Square, PA 215 444 5480

## FARM EQUIPMENT

...tractor w/180° swing crane, manuel extendable boom, runs & operates, $2400

Vermeer stump grinder, 36' cutter, Wisconsin powered and hyd control, $3500
**VILSMEIER EQUIPMENT INC**
Route 309
Montgomeryville, Pa 18936
Phone 215 699 3533

For Sale
Farmall Cub w/hyd cultivators dirt plow, snow plow, new rubber
Farmall Super C fast hitch cultivators, loader, & wheel weights good rubber
Farmall Super C, cultivators, wheel weight, good rubber
Farmall BN wheel weights cultivators, real good rubber
717 687 6553
eves & weekends
717 687 8021

Farmhand hyd dump wagons, 5000 lb capacity 609 769 3183

For Sale 10 ft cattle truck body with steel frame and cross members Calf box over cab Could be cut down and used as a stake body Phone 814 364 9333

Wanted Replacer milk mixer for feeding calves 215 795 2628 after 5 p m

## FARM EQUIPMENT

Wanted 12 ft Aluminum Cattle Bed for ton truck Franklin County 717 328 2993

For Sale NH 616 forage harvester, 1 row Kept inside, good condition $700 Ph 717 286 9380 Northumberland Co

NI 305 corn picker 315 shelling unit for tractor mounting, used 3 yrs, also 38 & 46 exhaust barn fan 717 398 2270

1 Dion Self unloading wagon with roof Good condition 301 836 1418

Model VE4 Wisconsin heavy duty air cooled four cylinder engine, A 1 condition, 215 267 6065

For Sale 1 5000 Ford tractor, 1 NI picker sheller field ready 717 648 7994

ANTIQUE TRACTOR BOOKS! NEW! 150 YEARS OF INTERNATIONAL HARVESTER' Covers all tractors Equipment, and Stationary Engines Serial numbers for tractors up to 1980 416 pages 2000 photos Hard Leatherette Cover $26 95 THE ENCYCLOPEDIA OF AMERICAN FARM TRACTORS Covers tractors from 1890's to 1979 1500 photos, 352 pages Hard Leatherette Cover $26 95 ENCYCLOPEDIA OF AMERICAN STEAM TRACTOR ENGINES" 1250 Photos, 320 large pages Hard Leatherette Cover $23 95 NEW! FARM TRACTORS IN COLOR 80 Years tractor history 118 true color photos, 183 pages $11 95 Postpaid Diamond Farm Book Publishers, Dept LF Box 537, Alexandria Bay, NY 13607

## FARM EQUIPMENT

For Sale Potato packing line Like new mains 18 model, includes sizer, washer, roller grading table and double bagger 717 386 4249

For Sale 1979 John Deere 2840 tractor, 80 hp Only 230 hrs Many extras mint condition $16 000 Monroe Co 717 992 6596 or 717 992 4614

For Sale - JD 2840, 900 hrs, excellent condition, $13,850, Grove unloading wagon with top, new unloading belt, good condition 5 btm 16' spring reset plow $2950 717 353 2833

For Sale - 30 KW single or 3 phase generator diesel power, low hrs 301 838 6196

White 2 135 tractor 370 hrs, 20' radials, 55 chisel plow, 13½' fiber hair 13½' disc hair hydraulic wood splitter, 2350 loader, IH 10 rear scraper blade, 301 734 4507 reason for selling discontinuing farming

For Sale - Combine, 7300 White, 5 yr old, AC, 4N corn head, 13 ft Hart Carter floating grain head, always inside, in very excellent condition 717 249 2300

For Sale Papec silage cutter good condition, we also stock Papec parts, including new knives, shear plates and shredder bars, also flat belting We ship UPS Leon F Ebersol, Box 291 RD2, Narvon, PA 17555, Lancaster Co

Ferguson sickle bar, extra blade, $800 717 235 5290

## FARM EQUIPMENT

JD 6600 D combine, 1970 cab, air, 4 row narrow head, 13' grain platform, $17,000, Franklin Co 717 263 9690

Hesston PT7 mower conditioner, like new, has been used for only 3 seasons on 10 acres, IHC 47 baler and hay conditioner, both in very good condition, 215 968 4561

Wanted Engine for D 17 AC tractor, diesel or gas, 814 443 2417

Oliver HG68 Hydraulic Dozer $2000 00 Oliver OC 46 Dozer 4 Way Hydraulic, and Back Hoe $3975 00 Cat 06 Hydraulic 8U $7500 00 Case 1150B Dozer $7500 00 1972 Komotsau D 60 Loader Rops $9,500 00 1974 Case 850B Rops $11,500 00 1974 AC Fiat Loader Hd 4 Cab $9500 00 1973 310 JD Hoe & loader $12,500 00 1970 JD 400 Hoe loader $7695 00 Cat 977H Cab Good $9500 00 Others, Trade Finance 814 793 2829
Curry Supply

One Ford NAA 3 pt hitch, new pistons and sleeves, $1700 Also 1 AL 170 tractor, like new, 500 hours with 4 bottom plow 201 996-2304 eves

Antique Fordson tractor, motor ceased, on steel wheels made at Deereborn Michigan by Henry Ford & Sons $450, 1957 Chevy 4 dr sedan, does not run $425 914 471 5895

For Sale 303 Allis Chalmers baler, good condition, $350 717 733 1569

## FARM EQUIPMENT

Case 1175, 970, CA, 870, 430 w/loader, 2 930's, 1030, 730, 1370 CA, 1070 CA, 470, Long 900 301 582 1927

For Sale IH 4586 4 wheel drive tractor, 550 hrs, excellent condition, 20 8 x 38 dual wheels, 4 hyd valves, decelerator, horn, swivel seat 717 375 2274

For Sale - 702 gas NI Uni system with corn sheller & 3 row corn head, 36" to 40" row 717 375 2274

For Sale 91 Int combine, 3 heads, 830 Case with cab, diesel, 301 833 1847

For Sale 2 Big Dutchman floor broiler size feeders and one gross gal jug chick founts 717 689 9617

For Sale Bulk feed bins 13 20 & 24 ton 717 689 9617

Dahlman potato bulk box $1200, 215 593 5345

For Sale MF 760 combine, hydrostatic, used two seasons 500 hours 6 row 30' corn head and floating grain head, like new 215 489 7861

55 gallons Sunoco oil, 20 20W diesel", $160 per drum Steam cleaner, like new $500 Devilbiss undercoating machine, $100 Chev van, automatic, inspected, 6 cylinder runs good, $900 Phone 717 273 6018 after 5 p m

801 Ford tractor with loader, hyd bucket, PS, select o-matic, $3200, York 717 757 1960

For Sale Farmall F-12 on rubber, new front tires, excellent condition Call after 6 p m, 717 529 2236

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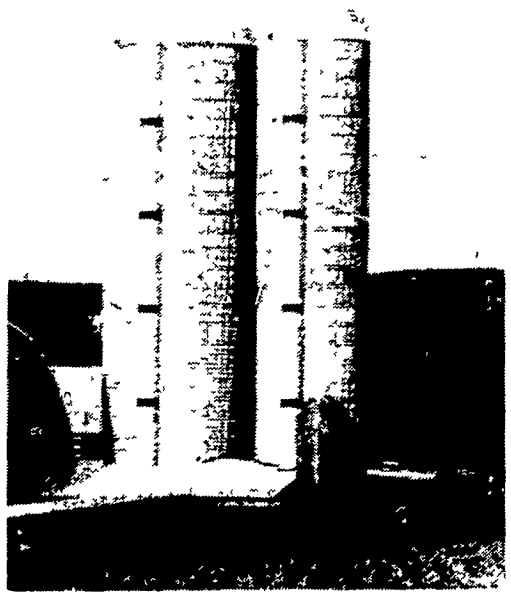
VAN DALE & STARLINE SILO UNLOADERS SALES & SERVICE

# LANCASTER SILO CO., INC.

2008 Horseshoe Road - 2436 Creek Hill Road
LANCASTER, PA 17601

"LANCASTER" CONVEYORS
TAPER BOARD FEEDERS
BELT FEEDERS

**MANUFACTURER & BUILDER OF QUALITY WET-CAST CONCRETE STAVE FARM SILOS**



"LANCASTER SILO'S BUILT BETTER"

ROOF - ALUMINIZED STEEL OR COLOR
CHUTE - STAVE OR STEEL AVAILABLE
RODS - DISCHROMATED 9/16" HI-STRENGTH
SPREADERS - BOX BEAM CONSTRUCTION
DOOR FRAMES - STEEL REINFORCED CONCRETE
DOORS - HINGED DOOR OR REMOVABLE DOOR w/FORMED STEP
INTERIOR - HAND TROWLED PLASTER w/ WATER PROOF CEMENT & SEALER

**CORN GROWERS - Call Us For Details To Make High-Moisture Ground Ear Corn In Concrete Stave Silo. Make High Quality Feed With Economy Cost Concrete Stave Silo & Top Unloader. Only 8 Weeks Till Filling.**

**FOR COMPLETE INFORMATION, CALL:**
**Larry Hiestand - Office - 717 — 299-3721**
**Wayne Lloyd - Sales - 717 — 299-3722**

STARLINE OR VAN DALE SILO UNLOADERS - PARTS & SERVICE - Replace Worn Unloader Parts NOW Before Silo Is Filled.

REBUILT SILO UNLOADERS:
STARLINE UNLOADERS 10' Thru 18' COMPLETE W/MOTOR
BADGER UNLOADERS
14' Unloader Complete $1595.00
16' Unloader Complete $1695.00
20' & 24' As Is SAVE
JAMESWAY UNLOADERS
We Specialize In Reconditioned Unloaders
Will Trade Your Unit!

SAVE ON "LANCASTER" BRAND ITEMS

**ROUND HAY RACKS - 2 PIECE**
**18 Openings - Can use for regular or Large Bale $170.00**

**FARM GATES w/HINGE & LATCH**
(Made with Square Steel Tubing)
10 Ft GATE $58.00
12 Ft GATE $64.00
14 Ft. GATE (IN STOCK) $70.00
16 Ft GATE $76 00

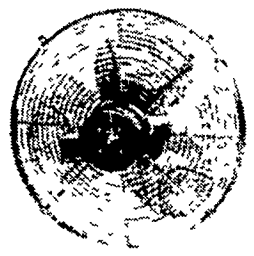
"LANCASTER" WATERERS
Non-Heated Units w/Float
For - Calf, Heifer, Horse, Etc
SINGLE BOWL $27.50
DOUBLE BOWL $30.00

SILAGE & FEED CARTS
WOOD CONSTRUCTED
10" WHEELS — 16 Bu Cap $190 00

NEW SHIPMENT - 2x8x16 TILE 75¢ ea
ALSO IN STOCK 2x5x12 TILE 40¢ ea

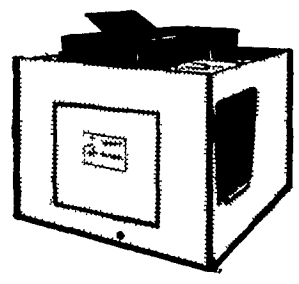
**250 CUMMINGS DIESEL POWER UNIT w/CLUTCH. COMPLETELY OVERHAULED. READY TO GO!**
**SPECIAL $4900.00**

**EQUIPMENT SPECIALS:**
**Keep Barns Cool -**



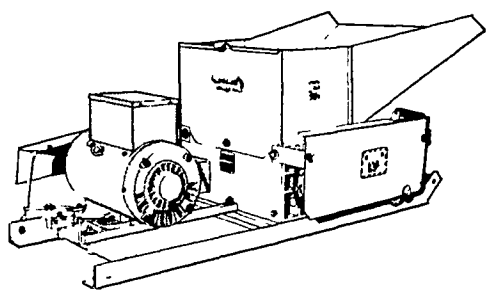
**24" CIRCULATING FAN - READY TO PLUG INTO 110 OUTLET**
**$125.00 Ea.**
**w/½ H.P. Motor**

**RITCHIE CATTLE & HOG WATERERS**



JULY - AUGUST INVENTORY SALE
ALL RITCHIE HOG WATERS
15% CASH DISCOUNT -
ALL RITCHIE CATTLE UNITS
10% CASH DISCOUNT
PRICES F O B OUR PARTS DEPT

**Automatic Roller Mill**
**LOW PROFILE OR SKID MILL**
**#200 ON #400 IN STOCK**



MAKES QUALITY FEED USING DRY OR HIGH MOISTURE CORN OR SMALL GRAIN
#200 ROLLER MILL w/3 H.P Motor $1615 00
**F.O.B. CASH PRICE — $1450.00**

#400 ROLLER MILL w/5 H P. MOTOR $2170.00
F.O B. CASH PRICE - $1990.00
PRICES FOR LOW PROFILE - AS SHOWN

FARM EQUIPMENT

New, never erected 50x70' modified 'U" curvette, $6500 NH 975 combine, 2 row corn, 13' grain head, $7500 Case 1210 D, 65 hp, 460 hrs, weights $11,500 717-872-8659

For Sale - IH 51 forage wagon IH forage harvester 550 2 row wide 1050 pto Papec 48 H blower with 40' pipe 717-755 6679

Farmall 140 with 6' Woods rotary mower, Int Cub low-boy with 48" rotary mower, Cat D-2 with blade, 40" Howard rototiller, 3 pt, Used 3 pt Equipment-plow, disc, rear blade and scoop, new 6' 3 pt disc
**EAGLE MACHINERY**
**Rt. 100**
**Eagle, Pa.**
**Chester Co.**
**215-458-5326**

For Sale - 726 Husking bed, 2 row wide head for NI unisystem Chester Co 215-932-9500

Int haybine 990 9 ft cut $1,500 215 598-7773 call 7 9 P M

New Holland self-propelled baler 1283 air, P S string tie, $10,900 215 598-7773

5 ton wagon gear new with implement tires New $450, 20 ft flat trailer single axle $675 00, hot water pressure washer 1000/3 gal one year old 50 ft hose $1,300 00, Generator set Koler water cooled 115V DC, STEAM ENGINES, Triumph MX motorcycle 500cc Newcastle County, 302-328-2985

For Sale - Davis Model 80 TK mixer, scales, stainless steel bottom, excellent condition, used 3 yrs $4000, Call 7-5 717-473-3031

IH grinder mixer 1150, asking $2500 or best offer 717-925-2633

Lockwood bin loader with grader and 40' boom, 30' elevator, 2x10' lag conveyor, 1 x 20' lag conveyor, feed unloader, Brady beater, 64 Ford dump truck, Nylon brusher, rubber brusher, bagger Call Daniel Irving, Rd 1 Box 4-B, Nottingham, PA 19362, 215-932-9065

For Sale- Gehl model TR330 3 row corn head for narrow rows Harvested 60 acres, good price, Ph 814-367 2936

1970 9000 Ford tractor, 1979 3800 JD forage chopper with 2 heads, 1979 1209 JD Haybine, 910 Gehl chuck wagon, 12 ton tandem axle Badger chuck wagon, 210 JD 17' disc, 150 tons Ryelage 250 tons corn silage Roger Dulin 301-778-1636

For Sale - IH 234 sheller unit, like new 717-889-3082

For Sale - JD 14T baler for parts, also never used chain web with slats to fit forage box, ½ price of new Phone 717-354-0175

Allis Chalmers HD 5 & 6 loaders for parts Engines, transmissions, buckets, final drive and undercarriage parts Call 609-585-3876

Registered Polled Hereford Bull, 8 ft cut McCormick grain binder, 22 in. advance Rumby Threshing Machine, IH Silo Filler No 5 Call 814 735-4621

Int 55W wire tie baler, rebuilt twister. 201-782 5722 evenings

Ford 3 cylinder diesel tractor engine electric fuel pump, less than 200 hrs runs great, $2100 or best offer, must sell 215 562-5088 Hamburg area Also have guns for sale

For Sale - 15 KW PTO generator on cart, A-1 shape, $790 215-445 6825

John Deere Cyclone $400 firm 301-452-8452

For Sale - 1969 Int cab and chassis, V 8, 5 speed, $1500 Burl Co, NJ 609-893-8257

FARM EQUIPMENT

Ford diesel tractor model 3600 with front end loader and 6 ft Ford rotary mower Excellent condition, 880 hours, 8 speed live PTO, power steering, diff lock, roll bar, etc $6400 Lycoming County 717-458-6451

JD 440 DSL Crawler Loader with ripper Counterweights, canopy, good cond Many new parts IH tandem axle trailer rebuilt excellent cond Expansion requires larger equipment Centre Co 814 364-1423

JD 55SP combine, 72 Int 4 WD carryall CA tractor, D8 (2U) dozer, F-800 dump with hydraulic salt spreader 607-862-3461

1977 721 Bob Cat DIESEL Skid Loader $7500 00 1975 Owatonna Skid Loader $3500 00 Farmall H, With Mower $1175 00 IHC 544 With Loader $5500 00 Ford 640 With Loader $3500 00 HD 11B Allis Chalmers Hydraulic $5975 00 1973 Ford F 600 14' Grain Dump $4500 00 1970 Chevy Tandem 427 PS 15 Dump $2975 00 Others, Trade, Finance 814-793 2829
Curry Supply

For Sale - 430 Gal John Wood Ice bank bulk tank w/compressor Cumberland Co 717-776 5459

For Sale Model F Combine Gleaner Diesel with 430 cornhead and 13' platform Good condition $20,000 or best offer 215-679-2682 Montgomery Co

For Sale - 671 GM diesel power unit with clutch reduction, 4000 rpm, good condition $2850 717-776-7725

2 row narrow corn head for Gehl 600 717-656 9013

For Sale - Used JD 6-404 diesel engine out of JD 4000 Also wide front end and other large used parts to fit late model 4020 Call 717-966-3595

20' double tobacco ladder, excellent condition for use on flat wagon, best offer 717-687-8943

New Century welder, overhead welding easy as flat We trade welders Farmersville Equipment Co, Inc Ph 717-354-4271 ask for Ken

For Sale - IH 540 4 bottom plow, 16" hillside hitch, good condition, will deliver Berks Co 215-689 9354

1 IH #9 ensilage cutter with pulley or PTO drive, 1 MC corn binder with loader and short carrier, both like new, Samuel L King, Rd 1, Box 185, Gap, PA 17527

Bulldozer, 955 Caterpillar, front end loader, manual transmission and clutch, pony motor, good running condition $6500. 215-269-2126

AC 5040 diesel tractor, never used for farming, 38 hrs, still on warranty 7 mo old, 1¼ Yd front end loader, new 2 bottom plow 5' AC mower, paid $11,500, best reasonable offer Only used for cutting grass Flemington, NJ 201-782-4313

For Sale - JD #30 level bed potato digger, just like new! Phone 716-728-2520 Serious inquiries only

JD 4230 with quadrange transmission, 4 post roll guard, new rear tires, excellent condition JD 830 wind roller with cab, excellent condition Make offer 703-943-2042

For Sale - 4 DeLaval stainless steel pails, $150 ea One Surge dumping station, $75 2 stainless steel strainers, $40 ea One stainless steel 20 qt milk pail with cover, $75 2 kicker boxes for hay wagons, 16' long, $300 ea 2-row Ford corn planter, good shape, $300 (1) 268 NH baler with kicker, $1000 Horse drawn sleigh, $800 717 265 9890

FARM EQUIPMENT

35 KW Kohler generator, gasoline powered, ready to work 201-463-0070

For Sale - Int 56 silage blower in good condition, $850 215 942 2090

For Sale - New Idea corn picker, 1 row $2200 Farmall 240 tractor $1000 Self-driven tobacco cutter $300 717 898 2886

Used farm equipment IH 56 blower (nearly new), IH 110 forage wagon complete with 8 T JD running gear (nearly new), Kasten forage wagon (body) Model PB, IH 650 forage harvester complete with hay head and 2 row corn head Rutledge Farms, Fallstown, MD 21047 301-557-7568

For Sale NH silage wagon model 8, used very little 717-834 4488

New Idea 319 sheller fits 2 row trailer pull type picker 50' endless belt 215-346 7884

2 Row 38" cornhead and a 6' grass head for a Hesston 2000 harvester 717-656-9013

NH 28 blower with 540 rpm, used 1 yr, like new, $1600 717-649-5508 or 717-649-5344

1965 Ford F-800 Gas dump truck - $950
**DENNIS M. MILLER EQUIPMENT**
Rt 22 Grantville, PA
717 838 1888 anytime
717-469-0937 daily

4240 JD, 2 yrs old, 460 hrs, exc condition, will take trade of 3020 or 4020 plus you take over payments, can deliver Northern MD 301 877 7015

Baler, NH, 271 with kicker, good working condition, $1200 Also, 2 6 ton bale wagons with high sides, good running gear and floors, $400 each Northern MD 301 877-7015

Disc harrow, Bush Hog, heavy duty, 12½' 22" blades, 3 yrs old, used very little, will take trade for smaller, older disc, $2600 Can deliver Northern MD 301 877 7015

Wanted - Frick sawmill in good condition Please call 717-872 9283

1974 1800 IHC 24' Schwartz Power Delux rollbed 5+2 trans, air brakes, power steering Very good condition $11,000
**DENNIS M. MILLER EQUIPMENT**
Rt 22 Grantville, PA
717-838-1888 anytime
717-469-0937 daily

Clay MFM 400 feed meter w/¾ hp motor Handles bulky material such as high moisture ear corn Blair Co 814-832-2896

12' utility elevator Somerset Co 814 634 5480

For Sale - Rebuilt 4-71 G M diesel power unit on wheels, $3450 717-354-0449

Sale - Madison concrete stave silo, 12x25, concrete chute, ladder, cage, 17 hoopes, aluminum roof; redwood doors, (refrigerator type) Excellent for high moisture corn $1000 Chester County 215-384-0947

Notice these items will be at David Good's Sale on August 5 Kubota tractor L225 diesel loader 24 hp 80hr, used top buggy rubber tires, used 235 MF heavy duty loader, all in excellent condition, any questions call 717-966-0231

Make It Easy-Harvesters - Harvest 4 to 5 times the vegetables than you did before in the same amount of time 2 leftovers, ½ price 717-842-8744

For Sale New Idea 2 row mounted corn picker 305 front w/319 twelve roll husking bed and a 315 sheller unit Universal mounting bracket $2200 or best offer Union Co 717 538-2807 or 717-568 4808

FARM EQUIPMENT

Used tracks and roller for 977H Caterpillar and also heavy duty stump grinder For Sale 16' dump bed complete off of tandem truck Clinton Co 717-726 3659

VanDale 12" auger conveyer 10' long w/1½ hp Baldor Good condition Blair Co 814 832 2896

John Deere 3010 Row Crop Gas Tractor, good condition 301 795 9631

Haugh Gas Wheel Loader 4 wheel drive, $4500
**DENNIS M. MILLER EQUIPMENT**
Rt 22 Grantville, PA
717-838-1888 anytime
717-469-0937 daily

AC D14 power unit with reduction gear and starter Good Condition 717-768-8679 Call eves after 7

NH 770 Harvester $3000
IH 550 Harvester w/2 Hay Heads, $1200
NI 402 Rake, $750
Gehl Forage Box
Grove Forage Box
NH Forage Box
NH 510 Manure Spreader $800
Hawk Bilt Tank Spreader $1000
**WENTZ FARM SUPPLY**
**Palm, Pa.**
**215-679-7164**

For Sale - Two Gehl forage wagons w/3 beaters, 300 Gehl chopper with corn head and pickup head Phone 215-598-3219 Bucks Co

Lancaster Level Flo motorized distributor Blair Co 814-832-2896

For Sale - Case 930 CK diesel w/cab western style Loaded with weight, low hrs Very good condition $5900 or best offer Union Co 717-538-2807 or 717-568-4808

For Sale - NH and Dellinger silo fillers and parts Daniel Miller, 2822 B Stumptown Rd, Bird In Hand, PA 17505

JD 4400 combine, diesel, air conditioned, monitor, straw chopper, 4 row narow corn head, 4 row wide corn head, very clean Farmer priced 215-252-7091

**542 OLIVER COMBINE**
**13' Cut**
**Very Good Condition**
**Will Guarantee $4250**
**Write to PO Box 366 L161**
**Lancaster Farming**
**Lititz, PA 17543**

AVCO NEW IDEA
HESSTON

**USED TRACTORS**
Ford 3000 Diesel
White 2-105

**USED COMBINES**
White 8600 diesel hydro, cab & air
AC Gleaner G w/13' Grain & 6R 30" C H

**USED TILLAGE EQUIP.**
Oliver 5 Btm auto reset plow
White 508 4B 18' Auto plow

**USED HAY TOOLS**
Hesston PT10 Windrower
Hesston 1010 Hydro Swing Windrower
NI 290 Mower Conditioner
IH 990 Mower Conditioner
JD 215 SP Windrower
Fox SPF Fg Harvester
Case 220 Baler w/thrower

**MISCELLANEOUS**
NI 325 Picker w/8 Roll Husk Bed
GT350 Dryer

**STANLEY'S FARM SERVICE**
**RD Box 46**
**Klingerstown, PA**
**717-648-2088**

**FOR SALE**
MF 1085
MF 1130 w/duals
MF 760 combine, 6 row 30" corn head, 15' grain table
MF 180 diesel
AC 190XT
Farmall 966
Int. 1586, cab, air & duals, $500
JD 4020
MF 321 corn head

**MELVIN M. BURKHOLDER**
**Ephrata, PA.**
**717-859-2960**

**NEW EQUIPMENT**
**WHITE -**
(3) Model 5400 4-Row Planters

**NEW IDEA-**
213 Spreader w/Single Beater
214 Spreader w/Single Beater
243 Spreader
245 Spreader

**BRILLION-**
12 ft. Pullveriser

**GEHL-**
2600 Skid Steer Loader
4400 Skid Loader
940 Metal Forage Box
940 Wooden Forage Box
F-99 Blower

**USED EQUIPMENT**
Int. 350 Harvester with 1 Row Cornhead and Hay Pickup Head.
Oliver 3242 Mtd. 3-Bot. 14" Plow
MF Model 36 Hay Rake
MF 4-Row w/liquid fertilizer
FB88 Gehl Forage Blower
Gehl 99 Forage Blower
Int. 550 Spreader w/ Hyd. End Gate
Liq. Fert. Sprayer, ground driven, with John Blue 2-Piston Pump
Super 23 NH Forage Blower

**MILLER EQUIPMENT CO.**
**RD 1 Bechtelsville, PA**
**215-845-2911**

SPERRY NEW HOLLAND
**USED EQUIPMENT**
Fox Super D SP Dsl. Harvester w/2R Head & Pickup
Hesston PT10 Haybine
NH 325 Skid Loader
NH 30' Elevator
NH 315 Baler w/thrower, (Demo)
Used Discs

**USED TRACTORS**
AC 175
384 Leland
344 Leland w/loader
Ford Jubilee
Used Lawn & Garden Tractors w/mowers

**NEW EQUIPMENT AT USED PRICES**
**Many Models New Holland Spreaders**

**NEW EQUIPMENT**
Amco Disc
Bale King Hay Wagons
NH Skid Loaders
Hub Tool Elevators formerly N.H.
Gleaner F Combine

**NEW HOLLAND MANURE SPREADERS**

**NEW TRACTORS**
AC 7045
AC 5050
AC 7010

**BHM FARM EQUIPMENT INC.**
**RD1, Annville, PA**
**717-867-2211**

FARM EQUIPMENT

1975 JD 6600 hydrostatic combine with 6-30" row corn head also have 13' grain head, excellent condition, runs good, Charlestown, WV, 304-725-4498 after 8 30 p m

Wanted - JD model 60 tractor for parts, any condition, 301 658 6742

MF 260 chopper w/pickup attachment, 2 row cornhead handles 28"-38" rows, electric grinder and remote controls Blair Co 814-832-2896

Pincor 15 KW alternator, like new $995, Ph. 717-569-4526 days 898-2928 eves

For Sale - 4 tobacco wagons, 717-872-2781

Sale - 300 gal trailer sprayer $675, Gravity bin on gear $575, IH 47 baler with thrower $975, Hesston 310 SP haybine $2200, All good or better condition York Co 717-755-8321

For Sale - Allis Chalmers WC Tractor with cultivator and side hill shifting plow hitch, good running condition, new battery, new magneta Call 1-717-366-2818, evenings

For Sale - Fox 3310 harvester 3 row 30" corn head, 6' hay pickup, elec controls, exc condition 215-932-8999

JD 9300 backhoe, late model, very good condition, $3500, 301-838-6196

Farmall 1206, 806, 656, 706, 544, 460, 856, 300, 240, 130 M, C, Super A's & Cubs with Cult & Mowers John Deere 5020, 4020, 4010, 3010, 3020, 2510, 730, 1020, 70, 60 & 50 Oliver 1955, 1950, 1850, 1800, 1355, 2150, 1650 & 1250 Moline G1000, 670, 705, 445 & 5 Star Ford 9000, 8000, 7000, 6000, 5000, 4000, 800, 8N & more Case 1030, 930, 830 & 800 Allis Chalmers 170, D19, D17, D14, WD, G with Loader B's with cult & Plow MF 1080, 1130, 180, 165, & 50. Deutz 5006 & 5005 Crawlers, Loaders, Backhoes, Tractors, Skid Loaders, Pay Loaders, Trenchers, Fork Lifts, Graders, Stone Pickers, Rotovators, Loader Buckets & Farmhand Blurr Mills Disc Harrows, Cultipackers, Chisel Plows, Cultimulchers, 2-4-6 row Cultivators, Grain Drills HAY EQUIPMENT 7 & 9 ft Hay Bine, Mowers, Rakes--Farmhand, N.H. & Int, Cutditioners, Crimpers, Fluffers, Balers, Elevators, Blowers, Rotary Scythe, Harvesters, Choppers. New 5' 3 Point Rotary Mowers @ $485 00. Corn Shellers, Milk Tanks Hundreds of Tractors and lots of Equipment not listed

**KEENER EQUIPMENT CO.**
**Intersection of Rts. 72 & 283**
**Lancaster, Pa. 17601**
**Phone: 717-569-9861**

FARM EQUIPMENT

SAME Leyland Tractors
AVCO NEW IDEA

**FOR SALE**
(2) 20.8x38 8 ply Pierlli radial tires. New $990 each.
Oliver 74H 2 row mounted picker/husker to fit 770-1655 series, nice condition, $1500
Brillion 11' packer exc. cond., $890.
NI cutditioner model 270, new flails, exc. condition, $1690.
NI mod. 200 PTO spreader, nice cond. $765
NI 310 1 row picker $2500.
Taylorway 6'4" heavy duty offset disc harrow, 24" blades, new condition $1600
Case 11 ft. 36 blade transport disc harrow $975.
Badger Manure spreader SOLD Model 205, 205 bu. $900.
Tuffbilt 16 hp garden tractor with 2 3 pt. lift - 60" Bush Hog mower - cultivator $3995 New
**HEISEY FARM EQUIPMENT, INC.**
**RD 1 Jonestown, PA**
**717-865-4526**

JOHN DEERE

**TRACTORS**
IH 340, Fast Hitch
MF 180 Diesel
JD 2840
JD MT
White 2-85
White 2-105
MF 1080
Oliver 880 Dsl. Sharp

**COMBINES**
IH 915 w/2 heads
JD 215 Flex Head
(3) JD 444 Corn Head

**HAY TOOLS**
JD 24T Baler
NH 269 Baler
NH 275 Baler
Gehl 600 w/heads
NH 717 Harvester
NH Super 23 Blower

**TILLAGE**
JD 2600 5B Spring Reset Plow
JD 2500 6x18 Plow
JD 1450 5x18 Plow
JD 345 5 Btm. Plow
IH 700 5x18 Plow
JD 950 12 ft. Roller Harrow
Brillion 12' Roller Harrow
Oliver 12½' Wheel Harrow
Ford 10' Disc
JD 146 Loader
JD 8300 18x7 Drill
Tye No-Till Drill

**TOBIAS EQUIPMENT CO., INC.**
**Halifax, PA 17032**
**Phone 717-362-3132**

**BALDWIN ELECTRIC MOTOR DIVISION, INC.**
**REPAIR & REWIND - ALL BRANDS**
**AC & DC MOTORS**
**Call 717-354-5566**
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**BALDOR ELECTRIC MOTORS**
**Warehouse and Factory Service**
**½ hp. thru 10 hp. 1 ph.**
**½ hp. thru 100 hp 3 ph.**
ENERGY-SAVING BALDOR ELECTRIC MOTOR
**FARM DUTY MOTORS IN STOCK**
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FARM EQUIPMENT

1 IH 234 corn picker, set up for sweet corn with spare parts
2 FMC 2 row sweet corn harvesters with spare parts
2 Osborn 3 ton dump carts
1 IH 560, 6-16 btm plow w/on-land hitch, trash plates and ball bearing coulters

**F.O. MITCHELL & BRO. INC.**
Perryman, MD 21130
301-272-2620 nite
301-272-3637 day

**MF**
Massey Ferguson

**USED EQUIPMENT**
Farmall Super C with Loader
MF 1105 Tractor
Ford 532 Baler w/Thrower
NH 280 Baler w/Thrower
MF 124 Baler w/Thrower
Riding Mowers

**NEW EQUIPMENT**
MF 154-4 Tractor
MF 30B Tractor Loader
MF 230 Tractor
MF 255 Tractor
MF 265 Tractor
MF 2675 Tractor
MF 1050 Grinder Mixer
MF 750 Combine
MF 620 Disk
MF Mowers
MF 880 Plow
MF 25 Rake
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Caldwell Shredder
Bearcat For. Harvester
Snapper Mowers

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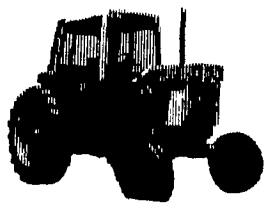
Maxatawny, PA 19538
215-683-7252



**NEW TRACTORS**
F1086
Int 584 w/2250 loader, special price
Int 584 row crop
Int 284, gas & diesel
Int 384D
Cub 184 Lowboy

**NEW HAY EQUIPMENT**
445 baler w/thrower
1300 7' mower
1190 mower conditioner, 7'
35 side rake
7x16 forage wagon

**USED TRACTORS**
Ford 3500 w/loader
Cub 154 w/Woods mower

**NEW EQUIPMENT**
4140 skid loader
2250 loaders, special price
720 plow 5' 18'
350 disc harrow 10' 3

**USED EQUIPMENT**
512 NH spreader
510 plow 5 bottom, 16', $1500
440 baler, good price

**LAMB'S FARM MACHINERY**
Thorndale, PA
Phone 215-269-2676

FARM EQUIPMENT

JD combine, 55 corn special, 13' grain head, 3 row corn head, #335, asking $7500 717-243 4796

For Sale- Hydraulic loader for garden tractor & push blade Lanc Co 717 367-5784

For Sale National Steel boiler & burner, excellent condition, 702,000 BTU s per hr 717 733 3704

For Sale Ontario grain drill 13 disc steel wheels, good condition Chester County, 215 932 2316

FARM EQUIPMENT

For Sale Cannon corn sheller 215 932 3130 R W Souder, Cochranville R D 2 Pa 19330

Double auger Sukup Stirway for 24 grain bin 215 593 5004

McCormick 2 horse, 1 row riding cultivator 6 Mc Cormick, horse driven mower 9 hole horse driven Ontario grain drill with wooden hopper and wooden spoke wheels, good shape Rice potato digger, good working condition, Phone (215) 759 1981, Nazareth, Pa

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Sales - Parts - Service
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8% off New Long s
New Long 610
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3 Ford 9600, 1 w/cab
Ford 9000
2 Ford 8600
4 Ford 5000, 1 w/cab
Ford 4500 backhoe
Ford 4000, 1967
5 Ford 3000
Ford 861
Ford 641 diesel
Roadless 95 4WD
2 IH 1066 w/cab
3 JD 4020
JD 4010
JD 3130
3 JD 3120, 1 w/cab
2 JD 2130
/ 2120 1 w/cab
JD 2120 w/loader
JD 2030
3 JD 2020
Used JD cabs for 1020, 2020, 2030
JD 1010
D2 Cat crawler
Jaegar irrigation pump
MF 175

LONG IRRIGATION DEMONSTRATION AUG. 10 Call for Details

¼ Mile East of Exit 6 I-81

MF Massey Ferguson
FIELD QUEEN FORAGE HARVESTERS

**GOOD USED EQUIPMENT**

**Tractors**
Ford 1300 4 wheel drive, 50 hrs. w/loader
MF 2675, 24 speed, cab
MF 205-4 diesel
MF 1130
MF 1080
Case 800 diesel

**Forage Harvesters**
Gehl 600 w/grinder
JD 35 1-row
Fox 2000 w/grinder
Hesston 2000

**Combines**
JD 45 cab, 2 row
MF 300, cab, 3-row

**Mower Conditioners**
Hesston 310 SP
Hesston PT7
1 Hesston PT10
Hesston 1014 - 10'
Hesston 620, cab
Ford 9'
JD 1209

**Miscellaneous**
Gehl 120 Mixall
Shaver 12" digger
300 gal. Walsh Sprayer

**Hay Harvesting**
MF 3 pt. rake
MF 12 w/thrower

**Longenecker's, Inc.**
At Clappertown Williamsburg, PA
814-793-3731

**USED EQUIPMENT**

COMING NEXT WEEK...
NI 705 Uni w/767 Super Chopper, 3 Row Narrow Corn Head
$15,750.00

Farmall 756 Gas Tractor, new motor
Ford 4000 Gas Tricycle
NI Narrow Row 8 Roll Pull Picker
Uni 705 Diesel w/737 Husker and 731 4 Row Head. Will sell separate
AC D17 Series 4 Tractor w/snap coupler
IHC 5B Auto Reset Plow
IHC 2350 Mount-O-Matic loader w/8' bucket, excellent

**RAYMOND B. LEAMAN**
Willow Street RD 1, Ph Lancaster 464 2778
Midway between Lancaster & Quarryville off Rt 222 take Brenneman Road at Graybill Bros Garage, Refton

(COMBINES ON LOT)
MF 750 Hydra D w/air, purchased new in '79, fully equipt. w/grain & 1144CH, real N-I-C-E.
73 MF 410 D w/air, quick tack grain. JD 6600 D w/air, 13 ft. grain & 444 CH for $21,900. New JD 4420 fully equipt. w/213 grain & 443 CH, (SOLD) 6620 w/both heads. 1976 JD 6600D rotary screen (SOLD) w/13 ft. grain 1976 Int. 715 diesel C.A. 23" tires 810 w/grain and 844 C.H.
Gleaner K w/cab, grain, Gleaner G diesel w/cab (SOLD) and grain. 1973 John Deere 6600 diesel w/2 heads (clean), JD 4440 w/air & both heads, JD 105 corn special diesel w/both heads, MF 510D w/-Quick Tach Heads, Oliver 25 w/cab.
MF 760 diesel hydra with grain and 6 row corn head. MF 300 combine w/cab and grain for $2895.00, Int 82 & 80 Pull Type. Late model Int. 303 w/cab.
JD 7700 D w/grain & corn head, Gleaner K w/cab, 10 ft. grain, K240 corn head (Combines) Coming in ... New Int. 1440 w/grain and corn Ford 642 D. w/grain & 4 row CH-nice.
TRACTORS & EQUIP. Farmall 1086 cab, air, dift lock, radio 20.8x38 tires 3 valves w/107 hrs. like new for $25,500.00. Farmall 1566 w/cab and duals, new JD 4240 C A. Q.R., Oliver 1855 w/factory cab. Farmall 560 D WF, Used Farmall 1086 w/R.G., Canopy, 656D W F. original. Used JD 2940 w/front wheel drive and cab used 350 hrs. purchased new in 1980, White 2-105 w/roll guard, ACXT190 real nice, AC 185D. w/Loader, nice. Farmall 560 gas WF, F.H. real nice, Ford 4000D w/1300 hrs excl., JD 4010D w/loader; JD 3010 gas M.F. 285D w/R.G., M.F. 165 Tri D. N.H. 1010 Bale Stack Wagon, JD 443 corn head, used 1 season like new, used JD 4 row conservation planter w/liquid Fert.; 3 new and used Bush Hog Chisel plows 9 & 11 ft. all w/gauge wheels; JD #350 4x16 reset plow like new; used 4430 w/sound guard, cab, Q.R. $16,500.00; Used JD 2640. Corn Heads. Gleaner K330, FL430, F330, E330, A430 for F or F2, JD 443; 343, 243, White 704W, MF 421, Gleaner K Combine w/cab and grain head real sharp; NI 702 Uni Diesel w/combine and 10 ft. grain. White 4-150-4 whl drive, fully eq, Int. 574
NEW FARMALLS. 1086 C.A. dual hydrl. for $26,700. New 986 C A. dual hydr. (SOLD)$24,800. New 886 C.A. dift. lock, 2 valves $22,500. New JD 4240 w/Roll Guard & Q.R. $23,900; New 4040 w/Power Shift and R.G for $23,950, 4020 w/Diff. Lock, JD 3020 w/Diff Lock, JD 3020 side console W.F diff. lock, (SOLD)hydraulic; JD 2020, 1520, 730D, 720D, Used Farmall 886 w/R.G real nice, New Case 2090 Cab & Air, power shift $23,950; 1977 Case 1070 power shift w/cab enclosure real nice, 1975 Case 970 w/4 post, P.S., Farmall 1066 w/red cab, Farmall 706 w/ 310 diesel, 560 tri D. F.H., Farmall 560D w/2000 loader, Farmall 504 Utility gas w/ 3 pt., 1970 JD 4020 W.F., 1968 JD 4020 W.F. 2 New Haybines, New Gehl 1090 9' for $4450, New NI 299 for $4250, (5) real nice balers, Int. 241 Round Baler like new, Int 445 baler w/thrower just like a new one for $3500 less than dealer cost. NH 320 w/thrower, used 1 season. NH 277 w/thrower, JD 346 Baler w/thrower, w/Hydrl. Tension excel. cond.
Corn Heads JD 643, 444, JD 443, 343, 344, 244, 435N for 95, 335, and 313 for 55C, 334, 235, Massey Ferguson 44, 63, 43, 24, 222, 422, Gleaner G435 L438, 430, F440, F438, A430, E240, K238, F335, F330, K330 Int. 863, 864, 844, 843, 744, 743, 227, NI 4-row 40" heads, Case 3 row 30", Case 4 row 40", Int. 6 row, 30" for 503, new JD 444 corn heads, NH 4 row 38" C H.
TRACTORS JD 6030 C.A. Duals, real sharp; JD 6030 cab and duals, fair; 1970-4020 WF; JD 4520 w/triple hyd. for 11,900. Nice JD 4230 w/R.G., Farmall used 986 cab and air, 1566 cab and air w/new T A., for $18,000. Farmall 706 gas w/TA and 3 pt. original real good for $4500. Farmall 544 gas W.F. Farmall 706D WF & 3 pt ; NI 324 picker w/super sheller. Farmall 560 D. w/N.I mtd. picker. AC 200 w/cab.
CORN PICKERS - (new) N.I. 324 w/12 roll bed; New New Idea 325 w/12 roll bed, Used (3) N.I. 324 w/12 roll bed, NI 325 N w/12 roll bed & 8 roll bed (325 N. w/sheller), NI 3 row 30" picker w/super sheller, New Idea shellers and Super shellers, N.I. 2 row 30" picker w/grinder. JD 300 Husker w/244 corn head. Int. 234 w/12 roll bed.
John Deere 8630-4 Wh. Drive w/3 pt. PTO & Dual Wheels, real nice, also AC #2600 - 28 ft. Hyd. wing disk, like new, J.D. 7520 w/3 pt. & Dual Wheels, 1972 JD 4020 w/dual (SOLD).
(Tractors w/Loaders), JD 4020 w/58 Loader, Farmall 1206 w/cab
Case 930 CK w/5X Plow. New JD 4440 cab, air, power shift. J.D. 4010 gas $3800. JD 4020 gas $4900. JD 4430 C.A. QR, 1970 JD 4020 w/roll guard; JD 4320 w/cab, 2-JD 1970 4020 w/dual hyd., 1970 JD 4020 Power Shift & Dual Hyd., Farmall 856 - nice.
Farmall - 1568 - V8 w/cab & air used 1000 hrs., used 686 w/cab & air, 1566 w/cab, 766 D; 1466 w/cab.
Steiger Bearcat 4 whl. drive w/dual wheels and new motor in excell. cond.; Gleaner E Combine w/cab, grain and corn head, Farmall 1206, A.C. 210D, w/new 20:8-38 tires, 460 Gas w/F.H., Farmall, 756 gas. 560, 856 w/front wheel drive, Farmall Hi Crop-656 diesel, 756, 300. Cub 185 Loboy w/mower and 3 pt. like new, 154 Loboy, Cub Loboy w/mower, Cub w/mower and F.H.
HARVESTERS. New Int. 720 w/2 row, JD 38 w/2 row pickup and 243 snapper head. New Holland 770 w/2 row, J.D. 38 Chopper w/2 row, NI 702 Uni gas w/chopper & corn head $5,900.00. NH S717 - 1 row, NI 3 row, Fox 2 row 30", Fox 3 row 30", Int 2 row 30" for 650. Fox 2 row snapper head. (new) NH 1 row Corn Head for 770.
JOHN DEERE Used JD 4230 cab, air, QR, nice, 4030, 5020 tractor puller, 1968 4020 power shift, JD 3020 gas; JD 4010D w/WF, 2020D, (SOLD)720 for $1875.00, 630 w/3 pt.
FARMALLS. 1586 w/cab fully eq. w/duals, used 500 hrs. like new, 966 black stripe w/roll guard, 856 w/3 pt. and 38" tires, 1206, Farmall 656 Diesel & 656 gas, 766, 1456, 806, Farmall hydro 70 w/w.t. and 3 pt., 826 hydro D nice. 504 WF w/3 pt. 460 Dsl. TA, nice, $2275.
New White 2-105 w/cab $22,850.
MASSEY FERGUSON 1135 C.A. low hrs., 1130D, M.F 135, Super 90D, 850 Dsl.
MF 165D w/heavy duty loader.
Case 970 w/P.S. 970 w/4 post roll guard, 1070 power shift, 1030 needs motor overhaul, Oliver 1950T w/cab, 2050, 1855 w/20:8 tires, 1650, 1555 gas w/cab and air used 800 hrs. clean, Ford 9600 w/dual power and dual wheels, Ford 6000 Commander, D Ford 4000 gas.
ALLIS CHALMERS 7040 w/cab, power shift like new $19,500, 220, 210, AC 180D, (SOLD) MM S670 diesel
COMBINES - JD 7700 Diesel w/Fire Damaged cab. MF 510 D w/fire damage, Gleaner C11 diesel w/4 row corn head, NI 702D w/rebuilt engine. 702, NI Super chopper, new 3 row 30" corn head, N.I. Demo 768 WN 3 row head, N.I. 702 Uni tractors w/combines & shellers, 729 A and 729 Uni shellers w-3 & 4 row 30" and 40" heads. Used JD 13 to 15 ft grain heads, used M.F. grain heads
IND. EQUIPMENT - Int. 510 4 whl. drive payloader used 500 hrs. like new Case 480B loader and backhoe, Case 580 L (SOLD)Cat 955 crawler loader, Case 850 D dozer w/hyrdl. blade, Michigan 55B Diesel Payloader. Skid Loaders - Bobcat Hydro 720.
CORN PLANTERS - New & Used 7000 JD 4 row w/Inst. Used JD 7000 6 row w/dry fert. and inst., (SOLD)NH 354 Gr. Mixer. Int. 1050 Grinder-Mixer, Used JD 8300-21x7 double disc grain drill, new NH 28 blower; new NH 25 blower; new NI rake w/front wheel; new Rhino 6' blades.
JD 220 hydraulic fold wing disk; White 252 wing disk. (Cultivators) JD 4 row. Used JD 453 bean head.
New Case 8 row hydraulic fold cult. Int. F.H. 4 row. used N.I. 272 7 ft. cut/ditioner, JD #930 3 pt. Seamline Tomato & Potato Harvester, AC Potato Harvester. Int. 2424 tractor w/slight fire damage. JD #350 PTO drive 40 ft. elevator.
(New) NH 310 Baler (wrecked), Woods Belly mowers like new.
Used Int. 400-6 row cyclo w/Inst. and Monitor for $1800; White 6 row w/no til fert. till, inst. and monitor, New NI 323 one row picker, Used 323, Used 325 w/12 roll bed, 324 w/Super sheller used on 80 acres, (4 offset Disks) J.D. #360 12 ft. Wilbeck 12' offset like new, Miller 14 ft. offset. JD Disks #210.
Int. #700 six X auto reset, New Bush Hog 12 ft. pull type chisel plow. J.D. #1600 - 16 ft. pull chisel plow. JD, Int, 5,6,7 trip and resets New Glencoe SS7 Soil Saver with culti-lift harrow New White 14 ft. field cult., Kawanee 22 ft. wing disk
LOADERS - Int. 2350 JD used 58, MF loader for 1105, Int. Fast hitch 3 pt. adapters, 3 pt. hitch for 630 and 730 JD tractor. New and Used J.D. Quick Couplers. 4 Used 30.5 x 32 tires.
TRUCKS - 1980 Silverado Chevy diesel w/every option on, 1971 Ford - ¾ ton pickup, 1976 Chev C65 w/7,000 miles w/14 ft. flat, like new; 1977 Delta 44 ft. Combine trailer, (New) NH Direct cut head for 770. (New) Kill Bros. gravity bins. New Kill Bros. 8 & 10 ton running gears. Pick up heads for Int. 550, 650, 350, Fox pickup head, Direct cut head JD 3800 & 38. JD 3 row narrow silage head. (20) sets of dual wheels all sizes.
JD front & rear weights, IH front and rear weights.

**For your needs call:**
**STITZEL FARM EQ. INC.**
East Windsor St.
& Krick Lane
Hamburg, Pa.
19526
Phone bus. 215-562-8377
home 215-562-7451

FARM EQUIPMENT

## SUMMER SPECIALS

NH 273 baler w/thrower, like new
New Steel Constructed bale rack wagons in stock
NI 751 hay conditioner, nice
Brady hay conditioner
Zimmerman Elevators in stock
NH Long Hopper Blower
NH Super 26 blower
NH #8 forage wagon, 3 beater & roof
New 5' Bush Hog Rebel model, only 1 left. List $750 Our price $595
NH corn heads, 2 row wide & 2 row narrow
NH 258 rake, brand new, special discount July only
Oliver 2-16 Raydex plow
NH gravity bin on running gear, excellent
Hesson 310 SP windrower
Hesston PT10 windrower
Farmer Boy gravity bin on new gear
NI 323 super picker
Gehl 65 grinder mixer
McCurdy 190 & 230 gravity bins in stock
IH #9 grass mower, excellent

**D J IMPLEMENTS**
Located in Reistville midway between Myerstown & Schaefferstown along Rt 501
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## TRIPLE H EQUIPMENT

VERMEER — Vicon
Peach Bottom, Pa.
717-548-2640 or
717-548-2094

**NEW EQUIPMENT**

3 - WRIGHT RAIN manure pumps and sprinklers
2 - 5 wheel 3 pt. Vicon Rakes
1 - 6 wheel trailer Vicon Rake
1 - KM 240 Mower Conditioner Special $8,400
1 - OM 240 Mower Conditioner (Demo)
1 - CM 240 Mower 3 pt.
2 - 1900 lb. Vicon Spreader-Seeders
2 - Vermeer 9' Mower Conditioners
Heavy Duty Round Bale Feeders

Limited Supply
We Have In Stock New Vermeer Balers and Mobile Irrigation Equipment for water or manure.

Just Arrived...
VERMEER MOWER CONDITIONERS

**USED EQUIPMENT**

Vicon Spreader-Seeder 1400 lbs.
Hesston SP 500 Windrower
Hesston 10 Stackhand & Mover
New Holland #275 Baler
New Holland 277 Baler
John Deere Single Chain Bale Elevators
1 - Demo 15' Vicon Power Harrow
Vermeer Demo Irrigation Traveler

## SALE of USED EQUIP.

| | Stock # |
|---|---|
| 4400 Gehl Skid Loader | 1348 |
| 5000 Diesel New Engine | 1352 |
| Gehl Skid Loader | 1483 |
| 4500 Ford TLB | 1507 |
| NAA Ford Jubilee | 1544 |
| T020 Ferguson | 1572 |
| 4000 SU w/loader | 1608 |
| 3000 Ford Diesel | 1612 |
| 40B MF Ind. Loader w/cab - 3 pt. hitch, 360 hrs. | 1667 |
| 8N Ford Tractor | 1628 |
| NAA Ford Trac SOLD | 1634 |

8-10-12-14 Hp. FORD, JOHN DEERE, IH, WHEEL HORSE LAWN & GARDEN TRACTORS

Ford Tractors Equipment

**LANCASTER FORD TRACTOR, INC.**
THE HOME OF THE RELIABLES
1655 Rohrerstown Road, Lancaster, PA
Flory Mill Exit off Route 283
Phone: 717-569-7063

FARM EQUIPMENT

Stoltzfus dry lime and fertilizer spreader box for truck, hydraulic, 10 215-593 2495

**IRRIGATION PUMP**
50 hp electric turbine pump
717-626-8257

Farm Equipment Repairs & Hauling
Major Overhauls
General Repairs
Used Tractors
IH 806D WF
MF 165D
Call
**JOHN HOOVER**
RD 2 Reinholds, PA
215-484-2695

JOHN DEERE

## SPECIAL CLEARANCE BUYS

**NEW JOHN DEERE EQUIPMENT**

2040 Tractor
336 Baler w/ejector
HD 336 Spring Tooth Harrow
1207 Mower Conditioner
1209 Mower Conditioner
2500 4B Hyd. Reset Plow
660 Rake
C81 Spin Spreader
714 Chuck Wagon
1065A Running Gear
1075 Running Gear
1710 Mulch Tiller
Waiver of Finance on New Utility Tractors and Equipment sold with tractors. Also waiver on new Hay Equipment

**OTHER EQUIPMENT AVAILABLE**

JD 45 Rear Blade 7'
JD 88 Rear Blade 9'
Bush Hog RM30 Rear Blade 6'
Bush Hog 1123-7' Rear Blade
JD 143-145 Loaders
JD 609 Rotary Cutter
JD 850, 950, 1050 Tractors
Century 500 gallon Liquid Fertilizer Sprayer

**USED EQUIPMENT**

JD B
JD LA
JD 520
JD 720
JD 3010
JD 4020
Farmall H, M, MD
AC C, WC, WD
Ford 8N
Farmhand Chuck Wagon
NH #6 Chuck Wagon
IH Chuck Wagon
JD 55 Combine
JD 95 Combine
AC Gleaner CII
Bush Hog 1600 Cutter
Wood C-114 Cutter
NH 6' Cutter
Brillion RSS-112 Cutter
JD 507 Cutter
Special Deals on More Equipment not listed. See us Now!

Call For Details.
**MILLER'S SALES & SERVICE INC.**
West Penna. Ave. on Highway 851
Stewartstown, Pa.
717-993-2470
or 993-2732

FARM EQUIPMENT

## FOR SALE

Antique Gasoline Engines
* ½ H.P. New Holland
* 5 H.P. New Holland
Good Condition
Both $3500.00
Call
215-675-8335

JD 4440 Like New Condition 259 Hrs. Roll Guard, Dual Hydraulics, Heavy Cast Rear Wheels. 20.8-38 Rear Tires, Full Set of Front Weights (20) $26,300

Ralph Sheehan
RD 1 Loretto, PA 15940
814-472-5713

**NEW EQUIPMENT**

JD 30" 3R Corn head $4595
JD 30" 2R Corn Head $2125
JD 1380 Mower Cond. $8995
JD 506 Gyamor Mower $700
JD 40 Spreader $2550
JD 465 Flail Spreader $4125
JD 1440 Planter w/80 units $4500
JD 78 Rear Blade 7' $410
JD 450 Mower $1950
JD 2420 SP Windrower $23,475
JD 534 Dozer Blade $2635
JD 215 11' 5" Disc Harrow $4060
JD 3940 Harvester $7800
JD 3960 Harvester $9955
JD 307 Rotary Mower $800
JD 1250 3B 16" Plow $1320
JD 1608 Chisel Plow $1700
JD 2600 4B 18" Spring Reset Plow $5500
JD F950 12' Roller Harrow $3950
JD 567 Wheel Rake $1275

**USED EQUIPMENT**

JD 3R 30" Corn Head $2495
JD 1R Corn head $650
JD 35 Harvester w/hay pickup $1750
NH 469 Mower Conditioner $1695
Hesston PT10 Mower Conditioner $1695
JD 507 Gyamor Mower $550
NI 325 pickup w/super sheller $5995
JD 443 4R 30" Corn Head $5500
JD 344 3R 40" Corn Head $2495
JD 213 Rigid Platform $2950
Woods MC80 mower $895
Woods C114 mower $1495
JD 24T Baler w/kicker
JD 38 & 3800 Harvesters
JD 4B F125 Plow
JD 5B 1450 Plow
JD 1640 12'6" Disk
JD AW 9'10" Disk
JD 7000 4RN Planter $4995
JD 494 4R Plate Planter
Farmhand Loader to fit JD 1010 & 2010
JD 300 Elevator 34'
Brillion 9' Packer

WENGER IMPLEMENT, INC.
The Buck, PA
717-284-4141

JOHN DEERE

**NEW**
JD 336 Balers w/ejectors
SPECIAL
$5950

**NEW**
JD 34 Manure Spreader 150 Bushel
SPECIAL
$2500

**NEW**
JD RM Cultivators
SPECIAL
$2495

**NEW**
JD 5460 Diesel Harvester w/air cond., power rear wheels, 7' pickup, 3 row corn head with new style power mizer cutter head
Reg. $80,892
SPECIAL
$72,892

**USED**
4400 DIESEL COMBINE 1100 hrs., 13' grain platform SOLD Corn Head, excellent condition, $35,000

**SMITH IMPLEMENTS, INC.**
Mercersburg, Pa.
17236
717-328-2244

Ford Tractor Equipment
SPERRY NEW HOLLAND

**TRACTORS**

Ford 8600 Dsl.
(2) Ford 8000 Dsl. 1 w/turbo
Ford 861 Diesel
Ford 860 Gas
Ford 800 Gas Select-O-Speed
Ford TW30 w/450 hrs.
Ford 8N
Ford A64 Wheel Loader, 2½ Yd. bucket, 480 hrs.
Farmall 300
JD B
Farmall Cub Power Unit
2 cylinder Wis. Engine

**EQUIPMENT**

NH 9' 450 Mower
NH 770 Harvester w/2R Corn Head and Pickup Head, elec. controls
NH Super 717 Harvester w/PU head & 1R Corn Head
NH 1495 SP Haybine
NH 1469 Haybine
JD 1209 Mower Conditioner 9' pull type
NH 269 Baler w/thrower
Hesston 1014 Windrower
N.I Hay Rake
Lawn & Garden Tractors w/Mowers
New Class Combine w/15' Grain Head
Left Over TR75 Combine w/13' Grain Head
Repossessed Ford 642 Combine 4RW Corn Head
MF 82 Combine w/10' Grain Head & 2RW Corn Head

ALL WOODS BROS. FORD & NEW HOLLAND OBSOLETE PARTS 50% OFF

**CHARLES S. SNYDER INC.**
RD 3 Tamaqua, PA 18252
Phone: 717-386-5945

FARM EQUIPMENT

DEUTZ

**NEW TRACTORS**

D6807A Deutz Tractor, FWD, 68 h.p. w/loader
D6807 Deutz Tractor, 68 h.p.
D6206 Deutz Tractor, 61 h.p.
D5207 Deutz Tractor, 52 h.p.
D4506 Deutz Tractor, 45 h.p.
DX 120 Deutz Tractor, 110 h.p.

Massey Ferguson MF-2675 w/cab, 100 h.p., 24 speed trans
1 pair 20.8x38 tires - Goodyear power torque
Used Farmall H
Great Bend 1010 Loader w/96" bucket, 4000 lb cap, like new $2500
Custom-built diesel Gen-Sets made to order
New & Used Deutz diesel engines at special prices Call for details
New Deutz F2L-912 diesel engines 20-32 H.P. electric start

**Stauffer Diesel Inc.**
312 West Main Street
New Holland, PA
PHONE 717-354-4181

JOHN DEERE

**USED EQUIPMENT**

JD 494A Planter
JD 694A Planter
JD 7700 combine
JD 4400 Combine
JD 105 Combine
NI 717 Combine w/4 row corn head & 15' platform
JD 727 rotary mower
JD 244 Cornhead
JD 1250 corn planter
JD 214WS Baler
NH 273 baler
JD 485 mower conditioner
NH 469 Haybine 9'
JD FB Drill
JD 3800 Chopper
JD 47 loader
Oliver 5x16 Plow
Case - Field Cultivator
IHC 470-17' disc

**SPECIAL PRICES ON NEW EQUIPMENT**

Spring Tooth Harrows in Stock
Grimm Tedders in Stock
H & H Bale Bodies
JD 111 Disk

**SPECIAL INVENTORY SALE ON NEW EQUIPMENT**

1- JD 111 - 12 Ft. 10 In. Disk - $2895.00
1- JD 1630 - 11 Ft. Plowing Disk - $4,540.00
1- JD 2600 PLOW 5-16" - $4685.00
1- JD 2450 - 7-16" PLOW - $4,815.00
2- JD 210 Lawn & Garden Tractor with JD #47 Mower $2,625.00 ea.
1 - 8"x42' transport auger - $1,757
1 - 8"x52' transport auger - $2,174

No Trade-Ins Accepted.

**J.S. COVERT & SONS**
Neshanic Station, NJ
201-369-5241
Just 3 miles off Rt. 202
(Between Flemington & Somerville)

FARM EQUIPMENT

## FOR SALE

8 KW PTO generator on wheels, $950
Schedule 80 PVC pipe 3" & 4" Victaulic couplings.
215-286-9510

## AIRVILLE EQ. INC.

PO Box 37 (Rt. 74)
Airville, PA 17302
717-862-3358 or
862-3967

AC 7000 tractor w/cab
AC 200 tractor
AC 160 tractor
AC WD tractor
AC B tractor w/Woods L306 mower deck
AC C combine w/4 row corn head & 13' grain head
Gleaner L combine w/15' grain hd., 4 row narrow corn hd.
Gleaner A w/2 row head
IH 440 baler w/thrower
Hesston 500 SP mower cond.
Hesston PT10 mower cond.
NI 272 cutditioner
NI 279 cutditioner
IH 990 mower cond.
NH 1010 bale wagon
White 5 btm. hyd. reset plow
Oliver 4 btm. hyd. reset plow
MF 3 btm. hyd. reset plow
Case 3 btm. spring trip plow
NH 717 forage harvester on 1 row hd.
IH 555 forage harvester w/2 hds.
IH 16 forage harvester
AC 7' pull type rotary mower

MF
SPERRY NEW HOLLAND

NH TR70 Combine w/Cat Dsl., 6R C.H. 15' Grain Table (Demo) $2500 CASH BONUS or Free Finance Til Sept. 1, 1981

**USED EQUIPMENT**

MF 1105 tractor w/cab
MF 40 Gas Tractor
Farmall M
NH 36 flail chopper
NH 469 haybine
2-PT10 Hesston mower conditioners
Ford 535 Hay conditioner
AC 390 9' haybine
JD 480 9' haybine
IH 47 baler
IH 37 baler w/thrower
MF 10 baler w/thrower
NH 67 baler
NH 717 forage harvester
AC forage harvester
IH forage harvester
NI 3 pt. rake
Papec blower
JD 16 hoe grain drill
IH 13 run drill
JD 17 run drill
JD 6 ton running gear
Starline tank spreader
JD 4B-16" mtd. plow
MF 74 3B-16" plow
JD mtd. 8' disc
Pittsburgh 8' disc
MF 300 quick attach combine w/cab & 2 heads
Gehl 2600 Skid Steer Loader

**MARLIN SCHREFFLER**
Pitman, PA
717-648-1120

FARM EQUIPMENT

For Sale NI Uni system, IH 16 hoe high cap grain drill, NH 28 forage blower, 2 180 bu grain boxes and chassis, IH 13'8" packer mulcher, 18' Oliver folding disc 814 472-6752

For Sale - MC PTO corn binder with loader, 16' and 19" Papec ensilage cutters, Samuel R Beiler, 141 New Holland Rd, Gordonville, PA 17529

IH 203 SP combine with 10 ft head, recently rebuilt, new tires $4000, NH 16 mow conveyor, $210 215 847 2619

Two Stanomatic cage feeders run by battery Good condition Battery charger 12 General Electric AC motor fans ½ Horse 230 volt 16 ton feed bin with divider Jonas S King, Centerville Road, Gordonville, PA 17529

Zook elevator, like new, Stephen E Stoltzfus, 39 C N Hollander Rd, RD1, Gordonville, PA 17572

JOHN DEERE

JD 4430 Tractor
JD 4030 Tractor
JD 4020 Tractor Side Console w/Cab
JD 4020 Tractor, Narrow Front
JD 2640 Tractor w/loader
JD 1010 Tractor
JD 950 Tractor
IHC M Tractor
H Farmall w/3 pt. hitch
Brady 1440 Shredder
JD 1209 Mower Conditioner
JD 485 Mower Conditioner
JD 237 Corn Picker
JD 227 Corn Picker
JD 7000 4R Consv. Corn Planter w/Liquid Fert
JD 1240 4R Plateless Corn Planter
JD 1240 Corn Planter
JD 1240 Corn Planter
IHC 51 Corn Planter w/Liq. Fert.
JD RWA Disc
Athens Disc
JD FBB 15 Disc Grain Drill
JD B Plane 15 Disc Grain Drill
JD 15 Disc Van Brunt Grain Drill
JD 3800 Chopper w/2 row corn hd
JD 34 Chopper w/corn head
NH 717 Chopper w/1R corn head
Woods C80 Pull Type Rotary Mower
JD 6600 Combine w/15' Platform & 444 Corn Head
JD 6600 Combine w/platform
JD 105 Combine w/platform and corn head
JD 7700 Combine w/platform and 6R corn head
Woods RM 306 Rotary Mower
Woods 120 Offset Rotary Mower
JD 214 Baler w/thrower
JD 24T Baler w/ejector
JD 24T Baler w/ejector
NI 279 Cut/ditioner
JD 145 6B Plow
JD 325 3B Plow
JD 1450 5B Plow
JD 714 Forage Wagon w/1065 A Wagon

**ENFIELD EQUIPMENT INC.**
Whiteford, MD 21160
Ph: 301-452-5252

FARM EQUIPMENT

Wanted corn head to fit Case 660 combine, Used roller mill
For Sale - IH 440 baler in good shape, Franklin Co 717-532 7009

**TRACTORS**
FORD 8N
FORD 3000 Gas
FORD 3000 Diesel
FORD 4000 Gas w/Loader
FORD 5000 Diesel
IHC 684 like new
JOHN DEERE 2030 Diesel

MF Self Propelled Combine w/grain head

**NORMAN R. SHORES TRACTOR**
R D 5, Towanda, PA
717-265-9014
No Sunday Sales

**NEW IH SPECIALS**

| | Sale | Less Red Power $ Rebate |
|---|---|---|
| 720 harvester w/hay pickup | $6922 | $5602 |
| 425 baler | $4452 | $3727 |
| 35 hyd. rake | $1865 | $1665 |
| 1190 mower cond., 9' | $6200 | $5475 |

| | | |
|---|---|---|
| New Bale Body | | $560 |
| **USED EQUIPMENT:** | | |
| IH 574 Gas R C 600 hrs. | | $5750 |
| Ford 740 tractor w/loader | | $1975 |
| Farmall M tractor | | $1500 |
| JD 4020 tractor | 10,500 | ~~$11,800~~ |
| F460 tractor | | $3,250 |
| IH 154 Lowboy w/mower | | $3250 |
| 2001 loader | | $650 |
| IH 4x14 trail plow | | $375 |
| IH 400 Cyclo 4 row planter | | $3450 |
| IH 400 Cyclo 4-row planter | | $2975 |
| Gehl FB88 forage blower | | $575 |
| IH 990 9' mower cond | | $2250 |
| Pincor alternator with trailer | | $1495 |
| IH 715 gas combine w/cab, 13' plat., 743 4x30 cornhead | | $17,500 |
| IH 715 diesel combine w/cab, 13' platform, 844 4x38 cornhead, 375 hrs | | $28,000 |
| Brillion cultipacker, 10' | | $475 |
| NH table blower | | $395 |
| Fox blower | | $750 |
| 468 4-row cultivator | | $850 |
| 2 A-Hay Crusher | | $95 |
| AC 303 baler & thrower | | $1550 |

**INCH EQUIPMENT CO.**
Dalmatia 717-758-3021
717-758-6491
35 miles North of Harrisburg, PA on Rt 147
INTERNATIONAL AGRICULTURAL EQUIPMENT
• U P S Service Available

**NEW TRACTORS AT 1980 PRICES!** Leasing Available
(1) John Deere 4040 Tractor
(1) John Deere 4240 Tractor

**USED TRACTORS**
JD 520 w/ Cultivator
JD 620 Gas
JD 1520 D w/ Loader
JD 2510 Gas
JD 4010 Diesel
Oliver 550 Diesel w/Loader
Oliver 1750 Diesel

**USED EQUIPMENT**
JD 4400 Combine, Gas
Fox Forage Wagon
JD 216 Forage Wagon
Fox S.P. 6244 For. Harv. w. Cornhead
NH Super 717 1-Row For. Harvester
Fox 1000 2-Row Forage Harvester
JD 35 Forage Harvester
* Waiver On New & Used Tractors to March 1, 1982!

JOHN DEERE
**SHOTZBERGER'S EQUIPMENT**
Elm, Pa.
Phone: 717-665-2141

FARM EQUIPMENT

For Sale - JD rotary mower, pull type, 2 JD flat bed wagons, spring tooth harrow, 12', 3 sections, grain cleaner, 9 ft cultipacker 717-249-2300

Ford Tractors Equipment

NI hay crimper
469 NH mower conditioner
22 NH forage blower
JD hay conditioner
NH 611 forage harvester w/3 heads
Farmall M tractor w/2 row corn husker

**EDWARDS FARM EQUIPMENT**
291 W Moorestown Road, Route 512 At Clearfield, Nazareth, Pa 18064
Phone 1 (215) 759-0240

FARM EQUIPMENT

For Sale Ford 801 single row corn picker $750 Vicon wheel rake $500, 10 ft Owatonna self propelled windrower $500, Grove self unloading wagon, $550, AC blower $275, 1951 3/4 ton heavy duty Chev pickup $275, IH 300, PS, TA, hyd and pulley, new tires, $1850 717-367 1861 before 8 p m

FARM EQUIPMENT

Used cylinder block assemblies for Int 450 gas/diesel including injector pump, also MH pull type clipper combine, Snyder Co 717 374-0492

For Sale - 1850 D, WFD, loaded, 3 hyd remotes Chester Co, PA 215 384 4370

Wanted Basic farm tractor, also plow, disc, cultivator, seed fertilizer 215 795 2628

**UNICORN FARM SERVICE**
**JAMES E. LANDIS**
**PATZ SALES & SERVICE**
**TERRE HILL SILOS**
**QUARRYVILLE, R.D.#2, 17566**
**CALL 786-4158**
**MANUFACTURERS OF FARM MATERIAL HANDLING EQUIPMENT**

Gutter Cleaners
Manure Stackers
Manure Pumps
Manure Spreaders
Liquid-vators
Silo Unloaders
Cattle Feeders
Material Movers
Conveyors

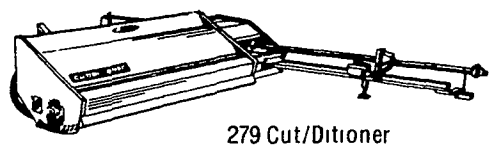
SPERRY NEW HOLLAND
**RINGTOWN FARM EQUIPMENT, INC.**
RD 1, Ringtown, PA
717-889-3184
**MID SUMMER SPECIALS**
NH 315T baler, $5550
NH model 80 bale mover, hyd., $525
NH L325 skid steer loader, demo unit, $7,999
NH L445 skid steer loader, demo unit, $10,499
NH 256 rake
**FREE FINANCE ON:**
Hay & Forage Equipment
till Jan. 1, 1982
**USED EQUIPMENT**

NH 275 baler w/thrower
NH 7' sickle bar mower, mtd.
1500 Schwartz loader, 4420 lbs
Oliver grain drill
Myers 500 gal. row crop sprayer
Haines 2-row stone picker
Howard rototiller, 100"
Holland 4-row transplanter
IH 2001 manure loader
IH 710 4 btm plow, auto. reset
IH 12' Vibra Shank
IH 4 btm. plow, semi-mt
IH 3 btm plow, fast hitch
806 D
656 G
3414 tractor loader
Super A
Farmall 450
Farmall M

**The Time Is Right... The Price Is Right!!**

**New Equipment Special...**

**NEW MODEL 279 NEW IDEA CUT/DITIONER**



279 Cut/Ditioner

9 Ft 3" swath, hydraulic lift with single acting cylinder, and all plumbing, all standard equipment, 540 RPM hvy duty 1-3/8" PTO drive, multi-position tongue adjustable from tractor seat, tongue jack, and high flotation rubber tired wheels

AVCO NEW IDEA
Was $4295
Now Reduced To
**$4,095**

• Stop In or Call •

Sales & Service On:
• Ford • New Idea • New Holland •
**WALTER G. COALE, INC.**
2849-53 Churchville Rd.
Churchville, Maryland
Ph: (301) 734-7722 or (301) 879-1434

FARM EQUIPMENT

For Sale - T-9 Int dozer with winch and hydraulic blade, will sell cheap! Call evenings or early morning 301 438-3467

McCormick Deering #9 Silage Cutter in A1 condition to be sold at David Good's Sale August 5th

Wanted Pumpkin and squash windrower, factory built or homemade, prefer front mounted model Gerald Cervenka, RD 5 Box 438, Flemington, N J Hunterdon Co 201 782 3671

AC 160 diesel, power steering, good condition, David Bradley garden tractor, parts for F12 or F14 301 875 2478

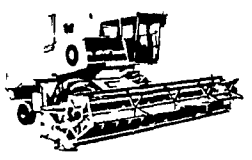
FARM EQUIPMENT

For Sale - 1 new - never used 11 hp Bernard diesel with clutch and 12V starter, also Marietta silo door hangers Jonas K Esh, RD2, Peach Lane, Ronks, PA 17572

1030 Case diesel, very good condition, also 5 bottom plow, 10' JD offset disc, everything in very good condition Write Box 366 K-1, Lancaster Farming, Lititz, PA 17543

NH 850 round baler, very good condition, #8 self unloading wagon, roof, tandem axle and running gear 717-349 2600

For Sale 1 HC Side Delivery Rake, $100 York Co, 717 755 3740



MF Massey Ferguson

**NEW EQUIPMENT**

MF 245 diesel, 8 speed
MF 255 diesel, multipower
MF 265 diesel, multipower
MF 154-4 diesel
MF 184-4 diesel
MF 2805 diesel, multipower
MF 540 diesel combine
MF 850 & 860 diesel combines
MF 1143, 1144, 1163 corn heads
MF 13' & 15' tables
MF 13 & 15' U-fl reels
MF 120 & 124 baler w/22 throwers

**USED EQUIPMENT**

MF 410, 540, 750 & 760 combines w/heads
3 MF 135 tractors
IH 574
NH L-775 skid loader
Bobcat Melrose skid loader
1977 Chevy 20,000 lb truck w/dump box

Large Inventory of New & Used Hay, Forage and Combine Equipment

**ABRACZINSKAS Farm Equipment, Inc.**
RD 1, Catawissa, PA.
717-356-2323
(south on Rt. 42)

**RINGTOWN FARM EQUIPMENT, INC.**
RD 1, Ringtown, PA
717-889-3184

**NEW EQUIPMENT**

1086 w/cab
786
784 w/TA
Hydro 84
584
284D
184 w/mower
1420 combine
800 cyclo planter, 4-row
140 4 btm. roll over
720 auto. reset, 5 btm.
720 4 btm.
5100 grain drill, 16x7
45 Vibra Shank, mtd.
401 harrow
770 disk
370 disk

**REBATES! REBATES! REBATES!**
- Up to $1000 off on 84 series tractors
- $7000 off list price of our 1420
- Extended warranty on 1420

$3000 off on our already low 1086 $27,400 w/rebate

(Offer expires July 31, 1981)

**USED EQUIPMENT**

806D
656 hydro
3414 tractor loader
Farmall 450G
Farmall M
Super A
2 Myers air blast sprayers
IH 6' hay crimper
2001 IH loader
1500 Schwartz loader
Cultivators for C
Int. 500 C crawler w/loader
Int. 500 C crawler w/3 way blade
710 4 btm. auto. reset
IH 3 btm. fast hitch plow
Howard roto tiller, 100"
Howard subsoiler, 5'
IH 12' mtd. Vibra Shank
Haines 2-row stone picker
Oliver grain drill
Rhino weed sprayer
Troyer elevator
Clark fork lift

FARM EQUIPMENT

- Full Line of NH & JD Equipment .Waiver of Interest Available on Most New Machines!
- Call Kermit For Prices On These Machines!

**COMBINES:**
New JD 6620 Sidehill w/15' Table & 6 Row Cornhead
New 4420 w/13' Table & 4 Row Cornhead
Used JD 4400 Gas, Cab, Air w/13' Table, Wide or Narrow Cornhead, Good Condition

**NEW & USED HAY EQUIPMENT:**
(2) Used 346 Wire Tie Balers/30 Throwers
New JD 660 Rake
New JD 16A Chopper
Used NH 275 Baler
Used NH 479 Haybine
(2) Used NH 469 Haybines

**USED MISC.:**
Lilliston 7 Six 90" Pull Rotary Cutter
Woods RM59 3Pt. Rear Mtd. 3 Spindle Mower To Fit 154, 184 & 185 Int. Cub Tractors & 6000 Kubota

**NEW NH EQUIPMENT:**
238 Wagon
310 Baler, Less Thrower & w/Thrower
315 Baler w/75 Hyd. Thrower
425 Skid Steer Ldr.
30 Whirl-A-Feed Blower
38 Chopper
451 Mower
474 - 489 Haybines
256 Rake
329, 513, 519 & 679 Spreaders

**NEW TRACTORS:**
JD 4240, No Cab
JD 2940 & 2040 w/Front Wheel Drive
JD 2240 & 2640

**USED TRACTORS:**
'80 JD 4040 Power Shift, w/148 Ldr., 11 Hrs., Like New
JD Model A w/wide front
Ford 9N, Fair Cond., Runs Good

JOHN DEERE | SPERRY NEW HOLLAND

**KERMIT K. KISTLER, INC.**
Rt. 143, Lynnport, PA 18061
PH: 215-298-2011

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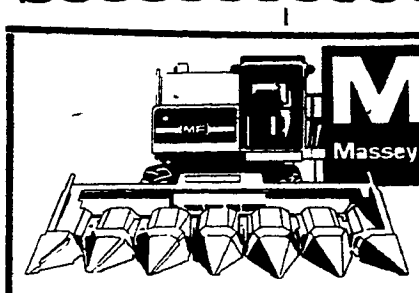


**NEW COMBINES, GRAIN HEADS, CORN HEADS**
**Call For Special Prices & Rebates**

| | |
|---|---|
| MF 860 Combines (6) | Call |
| MF 850 Combine (2) | Call |
| MF 750 Combine | Call |
| MF 550 Combine (4) | Call |
| MF 540 Combine (2). | Call |
| MF 15' Grain Head (9) | Call |
| MF 16' Grain Head | Call |
| MF 18' Grain Head | Call |
| MF 13' Grain Head (6) | Call |
| Profiteer 14' P U Reel (7) | @ $625.00 |
| Profiteer 15' P.U Reel (3) | @ $650.00 |
| MF 24 2 Row Corn Head (9) | @ $2350.00 |
| MF 1143 Corn Head (4) | Call |
| MF 1144 Corn Head (7) | Call |

**USED COMBINES**

| | |
|---|---|
| MF 760 Hydro w/Grain & Corn | $48,500.00 |
| MF 750 Hydro w/Grain Head | $29,000.00 |
| MF 750 4 sp w/Grain Head | $24,500 00 |
| MF 750 Hydro w/Grain Head | $28,000.00 |
| MF 760 6 cyl 4 sp Grain Head | $25,500.00 |
| MF 760 cyl 4 sp Grain Head | $19,500.00 |
| MF 510 D 3 sp w/Grain Head | 2 @ $12,500.00 |
| MF 300 Gas, Grain & Corn | $9000.00 |
| MF 300 w/13' Grain | $3100.00 |
| MF 30 w/2 Row Corn | $2500.00 |
| White 7300 Gas, Grain & Corn | $17,500.00 |
| JD 4400 Gas, Grain & Corn | $15,900.00 |
| IH 315 Gas Grain [ Corn | $7900.00 |
| IH 303 Gas Grain & Corn | $3900.00 |
| IH 141 Gas W/Grain | $2000.00 |
| MH 80 sp 12' | $600.00 |
| JD PTO Corn Sheller | $275.00 |

**WE SOLD 12 NEW COMBINES THIS WINTER WHICH GIVES US A VERY GOOD SELECTION OF USED COMBINES**

**USED TRACTORS**

| | |
|---|---|
| MF 1155 8 sp | $11,000.00 |
| MF 1135 M P Less Cab | $9500.00 |
| MF 1085 w/Rollbar, 8 sp | $8200.00 |
| Case 1370, Cab 1480 | $14,000.00 |
| Oliver 1650 Diesel | $5900.00 |
| Oliver 1650 | $5500.00 |
| Oliver 1600 Gas | $3500.00 |
| MF 6 hp Riding Mower | $350.00 |
| MF 33 Wheel Loader | $9,000.00 |
| NW 71 Skid Steer Loader | $8,000.00 |
| MF 7 Tractor w/Mower 10 hp | $875.00 |
| IH 1066 | $11,000.00 |
| IHC 1066 | $11,500.00 |

**M.M. WEAVER & SONS, INC.**
Leola, Pa. 17540 717-656-2321
Located: 4 miles West of New Holland on Route 23, 1½ miles Northeast of Leola on the North Groffdale Road, 1 mile on the right, opposite Groffdale Mennonite Church.

---

**FREE FINANCE ON NEW HOLLAND NEW AND USED HAY EQUIPMENT TILL JAN. 1, 1982. ON SPREADERS, GRINDER-MIXERS AND SKID LOADERS TILL SEPT. 1, 1981.**

| | |
|---|---|
| Dion Forage Box | |
| Gehl 95 1000 PTO Grinder-Mixer | |
| NH 479 Haybine | $2775 |
| MF-NI Mower Conditioner | $1295 |
| NH 269 Baler | $1185 |
| NH 273 Baler | $1850 |
| IHC 37 Baler & thrower | $950 |
| NH 269 Baler w/thrower | $1650 |
| IHC Tedder | $150 |
| JD "60" PTO Blower | $475 |
| Gehl Hopper Blower | $350 |
| NH 880 N3 Forage Head | |
| NH 880 R2 Forage Head | |
| IHC 550 Fg. Harvester w/pickup & 2R Adj. Heads. | $995 |
| Fox 2300 Fg. Harv. w/2R Head, Elec. Sharpener, 100 acres. | $4500 |
| NH 800W Pickup Head | $985 |
| NH 518 Spreader w/hyd. endgate. | $1875 |
| AC B Tractor | $650 |

**Call for prices on other equipment**

**SPECIAL PRICES ON NEW**
NH L35, L325 Skid Loaders
NH 846 Baler, Mowers, & Rakes
NH 474, 488 Haybines
NH 14, 230, 234 Wagons
NH 513, 519, 679 Flat Bed Spreaders
NH 782, 892 Harvesters and Heads

Tedders, PTO and Traction Driven
3200 gal. Spreader with ejector
Garden Tiller, Ariens, 4 H.P.
Killbros Gravity Boxes

ROY A. BRUBAKER
SALES ★ SERVICE
Phone: 717-626-7766 or 626-1859
700 Woodcrest Avenue, RD3, Lititz, PA

---

**NEW TRACTORS**
JD 2940
JD 4040
JD 4240
JD 4440

**NEW MACHINERY**

| | |
|---|---|
| JD 3940 Forage Harvester | $7000 N/T |
| 5½' Pickup Head | $1255 |
| 1-Forage Head 2R RC 38" | $2000 |
| 1 - Century 300 gal. sprayer | |
| JD 445 Spreaders | |
| JD 450 Spreader | |
| 1 - JD 660 Spreader | |
| 2 - JD 680 Spreaders | |
| JD 235 17' Disc | |
| JD 235 19' Disc | |
| JD 1207 Mower Conditioner | |
| JD 1209 Mower Conditioner | |
| JD 950 12' Roller Harrow | |
| JD 950 15' Roller Harrow | |
| JD 900 5 Standard Ripper | $2500 |
| JD 700 Grinder-Mixers | |
| JD 1250 Plow 3x16 | $1800 N/T |
| JD 1250 Plow 4x16 | $2450.95 |
| Several model 2600 & 2800 plows, 3 bottom, 4 bottom 16" & 18" | |

**USED MACHINERY**

| | |
|---|---|
| IHC 100 Hydro Tractor 1974, motor overhauled, & hydro | $15,000 |
| JD 343 Corn Head | $2500 |
| 2-Chisholm Rider Bean Harvesters w/656 IHC Tractor | each $6,000 |
| JD 7000 Planter, 6-row narrow | $7995 |
| IHC 400 4R Planter | $3500 |
| IHC 400 6R Planter | $3500 |
| IH 56 4 Row Planter | |
| 1-V802 Lely Roterra | $2000 |
| IHC 470 Disk 12 ft. | $1500 |
| Massey Disk, 12 ft | $1200 |
| JD 145 Plow, 5B 16" | $1800 |
| JD 8350 18x7 Drill Single Disc | $3000 |
| MF 750 Combine 14' Grain Head & 4R Corn Head | $30,000 |
| 2-18x4x30-8 Ply Tires and wheels for Gleaner Combine | |

JOHN DEERE
**WALTER'S SALES AND SERVICE**
RD 2 Mifflinburg, Pa.
717-966-3778
JD Agricultural Dealer and CP

---

**THIS WEEK'S SPECIALS**
**JD 30 combine, 7'**
**JD 110 disc, 14'**

**TRACTORS**
Farmall H, good shape
IH Super H Farmall
AC D14
VAC Case w/wide front

**MISCELLANEOUS**
NH 479 & 460 haybine
NH 1469 SP w/cab
NH whirl-a-feed blower
NH 461 haybine
(2) McCurdy gravity boxes 225 bu. & 275 bu.
Disc, plows, mowers, balers, wagons, rakes, harvester grain bins, harrows, pickers, & loaders.
Unloading wagons $450-850
3 pt. rotary cutter
Pull type rotary cutter
Oliver 620 baler w/thrower
3 bale wagons - $150 - $650
IH #10 grain drill, 16 disc
Hesston hydro-swing 12' haybine $1950
MF baler w/thrower, $650
IH fast hitch mower

**COMBINES**
MF Super 26, 10' A-1
MF 35 SP 8' cut
IH 76 7'
AC 66 pull
IH 203 12'
JD 30 auger feed, pull

**HARVESTERS**
IH pickup head - fits 50, 55, 550, 555 & 650
IH 550 2 row w/pickup
IH 55, 2 Row
AC 780 2 row
NH 717 harvester
NH 717 direct cut head
NH 616 harvester, 1 row and pickup
AC 780 harvester, 1 row and pickup
Will sell pickup heads separate

**DISMANTLING COMBINES FOR PARTS**
Gleaner A, C, CII; AC 60, 66; IH 64, 76, 125, 127, 141, 95, 91, 93, 203, 303, 205, 151; JD 12A, 25, 30, 40, 45 round back, 45 square back, 55 round back, 55 square back, 95, 105; MF 80, 90, 26, 27, clipper, 72, 82, 92, 35, 300, 410, 510; Oliver 35, 40, 430, & pull type; Ford SP & pull types.

**DISMANTLING TRACTORS FOR PARTS**
JD 2010, 70D, 4010, IH F 14, A, B, C, H, M, 300, 350, 460, 460 Ut., Supers C, H. & M. JD A, B, 50 & 60. AC WD & D17 Oliver 70 & 77. Ford 8N & 860. Case SC & V.A.C. Massey 44D, MF 85D, IH 400, MTA, 240, F20, WD D2 Cat crawler.

Dismantling 75 combines for parts

**KEITER'S FARM MACHINERY**
R D. #1 Halifax, PA 17032 Rt. 225 20 mi. from Hbg.
Phone: 717-362-9574 or 362-9096

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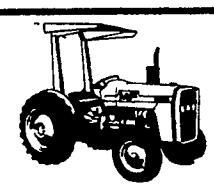

MF Massey Ferguson

**TRACTORS & EQUIPMENT**

IH 2400 Dsl Tractor w/Loader
IH 460 Tractor
IH 340 Farmall Tractor
MF 3165 Tractor w/Loader & Cab
MF 203D Tractor w/Loader
MF 1085 Tractor
MF 40 Dsl Tractor and Loader
MF 35 Tractor
Ford 641 Tractor w/Loader & Bucket
Ford 9N Tractor
Farmall Super H Tractor
JD MT Tractor
NH 892 Fg Harvester
Fox 3310 Fg Harvester w/ 822 pickup & 3R Corn head, never used
Fox 1000 Forage Harvester
NH 451 Mowers
(3) NH 36 Crop Chopper
NH 270 Baler w/thrower
NH 269 Baler w/thrower
NH 1033 Bale Wagon
MH 35 Combine
Brillion 12' field cultivator
NH 510 Manure Spreader
NI 213 Manure Spreader
Ontario Grain Drill
AC Blower
AC 516 Plow

**NEW M.F. EQUIPMENT**

MF 1085 Demo Tractor
MF 275 Tractor
MF 245 Tractor
MF 265 Tractor
MF 285 Demo Tractor
MF 285 Tractor
MF 230 Diesel Tractor
MF 230 Turf Tractor
MF 220 Tractor
MF 210 Dsl Tractor
(2) MF 205 Diesel Tractor
MF 50C Tractor
MF 30B Tractor Cab
MF 30B Tractor
MF 20C Tractor w/Cab
MF 124 Baler
MF 34A Loader
MF 34A Loader
MF 32 A Loader
MF 246 Loader
(2) MF 216 Loader
MF 300A Loader
MF 640 Corn Planter
MF #43 2B Plow
MF 520 Disc Harrow 12'
MF 520 Disc Harrow 14'
(2) MF 320 Disc Harrows
MF 226 Scraper Blade
MF 227 Scraper Blade
MF 218 Rotary Cutter

**S.G. LEWIS & SON, INC.**
R.D. 2 Box 66 West Grove, PA
215-869-2214

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FARM EQUIPMENT

**TRACTOR & COMBINE PARTS**
We Ship anywhere
**CROSS TRACTOR SALVAGE**
Rt. 3,
Lamar, Mo. 64759
Toll free 1-800-641-4734

---

**USED EQUIPMENT**

**TRACTORS**
- Case VAC
- Case 930 Tractor "CK"
- Case 430
- Case 350 Crawler Dozer (New)
- David Brown 990 w. Loader
- White 2-105 Tractor
- Oliver 1655 Tractor
- AC 175D Tractor
- AC "B" Tractor

**LOADERS**
- Case 1537 Skid Loader
- Case 450 Crawler Loader
- Case 450 Crawler Dozer

**TILLAGE**
- Case Disc Harrow, 10'
- MF 12 Ft Spring Tooth Harrow
- Oliver 2 Bot. Trailer Plows
- JD 10' Cultipacker
- Used Cultipacker
- Brady Chisel Plow

**HARVESTING EQUIPMENT**
- Gehl 600 Harvester, 2 Row Cornhead and Pickup Head
- NI Unisystem 701 Tractor
- NI Unisystem 705 Tractor
- NI Unisystem 702 Tractor, 710 Combine & 760 Harvester
- NI 727 Husking Bed
- NI 323 1-Row Corn-picker
- NI No 7 1-Row Corn picker
- Int Mtd Picker, 2 Row
- MF No 61 1 Row Picker
- JD No 25 Harvester
- Case 300 Harvester
- Case V 12 Shredder
- N I 2 Row Narrow Pull Picker
- MF Chopper
- MC Chopper
- JD Chopper

**HAY EQUIPMENT**
- NH 469 Windrower
- Hesston 1014 12' Windrower
- Hesston PT 10
- Dump Rake
- Side Delivery Rake With Steel Wheels
- 3 pt Hookup Mower
- Bale Thrower Wagon
- JD Hay Rake
- NI Hay Rake

**MISCELLANEOUS**
- Ford 4-Row Corn Planter
- JD 2-Row Planter
- JD 494 Corn Planter 4-row
- IH 400 Corn Planter, 8 Row
- 10 Used Spreaders
- NI 224 10-ton Spreader
- Potato Grader
- NH #354 Grinder Mixer

AVCO NEW IDEA

SPECIAL!
• Good Prices on New NI Spreaders

case

**ZIMMERMAN'S FARM SERVICE**
Bethel, PA
Phone 717-933-4114

FARM EQUIPMENT

Papec 180 forage harvester with corn and hay head, IH model 234 2 row mounted corn picker, 3 gravity boxes 304 263 0156

JD 4000 tractor Gas, wide front Low hours Very good condition $6500 717-532 7054

For Sale 2 row Stauffer transplanter, Super C Farmall with culti & plow 3 btm 16' plow Fertilizer drill, 10 ft transport disc, 8 ton flat wagon, 9 ft field packer, 11 ft field drag, 215 484 4690

Fox super D forage harvester, 2 RW, 7 pt cut ter bar, windrow pickup, Dan Clark After 7 p m 301 475 2410

FARM EQUIPMENT

NH 256 rake New 717 532 7054

FARM EQUIPMENT

Gehl Hi throw 600 recut ter with 3 sets screens like new 215 689 5851 Berks County

FARM EQUIPMENT

For Sale NH 707 3 pt harvester corn and pickup heads Schuylkill Co 717 425 2562

FARM EQUIPMENT

Case 1175D, 870 D, 970 D C A, 2 1030 D, 2 930 D 730 D, 800 D 430 D with loader Will deliver Phone 301 582 1927

FARM EQUIPMENT

JD 24T baler with #30 ejector, perfect condition $1600 301 876 1956

Antique sprayer with 1 cylinder gas engine wood in good shape 717 755 9706

For Sale Ford com mander 6000 with cab, excellent tires $3000 717-532 2007

Wanted to buy JD model 820, 3 cyl diesel 1969 1972 Call 215 539 9479

FARM EQUIPMENT

30 diameter grain bin, 7 rings high with drying floor, twin stirralls, with LP burner and unloading auger, completely disassembled $7500, also 38' aluminum floor flat bed trailer, $2500 703 569 4082

For Sale - New IH 4140 diesel skid loader with fork and bucket, special deal new price $16,000 Sale price $11,000/offer 717 733 0518

**NEW EQUIPMENT**

**Call For Special Low Prices! ..**

**NOTICE... Financing On All New Tractors Available- 10% For 3 Yrs. 12% For 5 Yrs.**

- AC 5050 Tractor, 51 hp, 220 hrs
- AC 5050 Tractor, 51 hp
- AC 7010 PS Tractor w/cab, air, 20 8x38 tires
- AC 7060 PS Tractor w/cab and Air
- AC 10' Mtd Chisel Plow
- AC 8' Mtd Chisel Plow
- AC 5-Bot , 16" Plow, 2000 Series
- AC 16½' Field Cult , with hyd fold
- AC 2600 Fold Disc, 16'8"
- AC 333 Corn Planter, no till & air units
- Glenco 9 Tooth Soil Saver
- (2) NI 106 Fert Spreaders, 690 Lbs
- NI 116 Fert Spreader, 1380 Lbs
- NI 743 Stripper Plate Head, 3 Row Wide

**USED EQUIPMENT**

- AC 7040 PS Tractor w/cab & air (waiver to 12/1/81) .
- AC D15 Tractor
- IH 450 Gas Tractor
- NI 279 9' Cutditioner
- Gehl 800 Recutter
- JD 38 Harvester w/PU & 2R Wide head
- Lamco 14' Forage Wagon

**USED COMBINES, UNI'S CORNHEADS**

- AC KKS Gleaner w/10' Head & 330 Cornhead
- AC A Gleaner w/10' Grainhead
- AC C Gleaner w/440 Cornhead
- IH 315 w/13' Grainhead and 2 row Cornhead
- MH 82 SP w/10' Header
- MH 80 w/12' Header
- (2) MF QT 24 Cornheads
- NI 702 Uni-Tractor
- NI 727 Uni-Husker
- NI 723 Uni-Stripper Head (2 row)
- NI 729 Uni-Sheller
- NI 726 Uni-Husker
- NI 702 Uni-Tractor w/717 Combine & 713 Grain Head

ALLIS-CHALMERS

AVCO NEW IDEA

**ITCO**
Dealer for ITCO Corp
- Over 9,000 items At Discount Prices

**SHARTLESVILLE FARM SERVICE**
RD 1, Hamburg, PA
215-488-1025
H. Daniel Wenger, Prop

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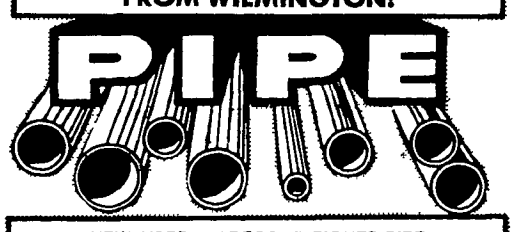
**H. SCHWARTZ & SONS, INC.**

**NOW SERVING THE STATE OF DELAWARE DIRECTLY FROM WILMINGTON!**




NEW, USED and RECONDITIONED PIPE
STANDARD EXTRA & DOUBLE EXTRA HEAVY - ALL SCHEDULES ALL TYPES FABRICATION THREADING CUTTING — WELDING
121 SO. MARKET ST. · WILMINGTON 19801
302-656-0276 or 215-DE1-4240

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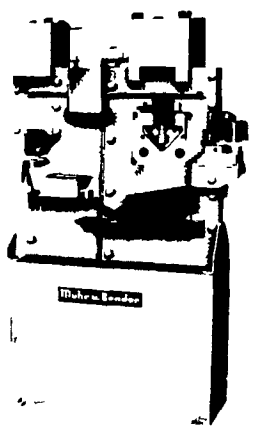
**NEW - USED**
MACHINE TOOLS SHEET METAL AND METAL FABRICATING MACHINERY



Including
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- and more

***Check Our New Low, Low Prices On Ironworker & Bending Rolls***

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One of Largest Stocks of Machinery In Area

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Badger · JOHN DEERE · HESSTON FARM EQUIPMENT

**USED EQUIPMENT**

**TRACTORS**
- MF 35 diesel w/loader
- IH 154 cub w/mower
- JD 520, sharp
- Oliver Super 88
- JD M w/plow & cult

**HAY EQUIPMENT**
- NH 269 baler w/thrower
- IH 440 baler w/thrower
- IH 46 baler w/thrower
- MF #12 baler w/thrower
- JD 350 rake
- IH #14 rake
- Ferguson 3 pt rake
- JD 858 rake
- NH 461 mower cond.
- JD 483 mower cond.

**MISC. EQUIPMENT**
- JD 70 skid loader
- New Holland 30' elevator
- 1240 JD plate planter
- 1240 JD plateless planter
- 400 IH air planter
- AC 6 row no till planter
- New Idea 1 row picker
- 2450 7 btm. JD plow
- AC 3 btm. 3 pt plow
- NH 717 harvester
- NH 880 harvester
- JD 34 harvester
- IH 650 harvester
- IH 7' sickle bar mower
- NH 7' mower

**NEW GRAIN AUGER SALE**

| | List | Sale |
|---|---|---|
| Allied 6"x35' Auger no motor | $1325 00 | $1175.00 |
| Allied 7"x41' Auger, PTO | $1700 00 | $1500.00 |
| Allied 8"x51' Auger, PTO | $2200 00 | $1975 00 |

**OTHER NEW EQUIPMENT SPECIALS**
- JD #90 skid loader w/2 buckets, demo, $5650
- JD 4440 P.S., cab & air, old price
- JD 5440 S.P. harvester, phone for price
- JD 716A forage wagon w/1075 wagon, $6000
- Hesston 1090 mower cond., $4,900
- Hesston 1010 mower cond., $6,500
- Badger 300 gal liquid tank, $6000
- Hesston 2000-100 harvester w/pickup, $7,500

**PIKEVILLE EQUIPMENT, INC.**
R D. 2, Oley, PA
Phone 215-987-6277
Berks Counties Full Line John Deere Dealer - Serving the Oley Valley 45 years 1936-1981

---

**HAY TOOLS**
**Haybines**
- NH 1495, 1980 Model
- JD 800
- NH 479, 460
- JD 2109

**BALERS**
- NH 276, 271 w/thrower
- JD 24T w/thrower
- NH 1010 Bale wagon

**SHEETS BROS.**
New Holland, White
1061 Carlisle St.
Hanover, Penna.
717-632-3660

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**DEUTZ DIESEL ENGINES**
- F5L912, 78 hp @ 2300 rpm Like new
- F3L912, 47 hp @ 2300 rpm, rebuilt
- Both available with clutch or clutch reduction

**FISHER ENGINE SERVICE**
3141 Old Phila Pike
Bird-in-Hand, Pa
17505

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**NH 995 COMBINE**
Diesel w/15' Platform
Excellent Condition
**$9800.00 No Trades Accepted**

**AG-IND. EQUIPMENT CO., INC.**
1207 Telegraph Rd. (Rt. 273)
Rising Sun, MD. 21911
301-658-5568 215-869-3542
301-398-6132

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**New & Used Equipment**
- New Ford baler model 552, round bales
- New Hesston stakhand model 10
- New Ford model 538 9' hay conditioner
- New MC Rotary scythe, model 9E
- Owatonna swather model 260 w/cab & A/C
- AC model 904 mower conditioner
- AC model 829 haybine
- New Lely hay rake, model Jemini, 3 pt. hitch
- New Lely tedder w/3 pt. hitch
- Case SP haybine, model 950
- New IH SP combine model 975
- Ford tractor model 2600 will tit MB broom
- New Ford 3600 diesel 20 hrs.
- New Ford tractor model 5600 134 hrs.
- New Ford tractor, 6700 diesel with canopy.
- Ford tractor 7700, 604 hrs
- Ford tractor model 2000 gas w/PS
- IH cub lowboy model 154 w/mower & snow blade
- David Brown 4600
- Farmall 460
- MF model 210.4 diesel
- Ford tractor model 800
- AC tractor model WC
- Ford tractor model Jubilee
- Ford tractor 971 gas
- Ford tractor model 4000
- Selection of 2 & 4 WD Kubota tractors
- Selection of Ford and IH lawn tractors
- Several Ford 8000 to choose from
- Several Farmall cubs w/hyd. lift and mower

Ford Tractors Equipment

**STRALEY FARM SUPPLY**
1760 Canal Rd.
Dover, PA 173415
717-292-2631 717-292-4443

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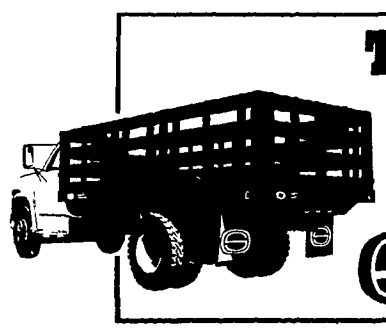
**Tough, Dependable Stake Bodies**



Omaha Standard

**FARMERSVILLE EQUIPMENT INC.** Ph. 717-354-4271

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**NEW EQUIPMENT**
- Killbros Grain Bins in Stock
- Glencoe 12'9" Soil Finisher In Stock
- Gehl CB 1250, 1000, 750 Harvester
- Gehl 1450 Round Baler for Demonstration.

BUSH HOG 5, 6' Rotary Chopper

4 Star 8'x18' Bale Rack Wagons.

Bush Hog 3 pt. 7' Box Scrapers.

YOUR HEADQUARTERS FOR ALL YOUR UNI NEEDS
- NI 818 Combine
- NI 846 6R Corn Head
- NI 840 Feeder House
- NI 768 3R W/N Corn Head
- NI 767 Super Chopper (old price)
- NI 762 2RW Corn Head (old price)

SPECIAL
NI #196 6"x41' PTO Transport Auger w/3' flex spout and flex hopper.
List $1605.
NOW $990.
While supply lasts.

JUST TRADED
- Little Giant #21 34' Elevator w/motor (like new)
- Grove 3 beater Unloading Wagon
- Sauder Loader, cheap

EFM Hot Air Coal Stoker

**USED EQUIPMENT**

USED UNI EQUIPMENT
- NI 701 Uni w/Cab
- NI 702 Uni w/Cab, 727 Husking bed, 727 3RN Corn Head
- NI 705 Dsl. without Cab
- NI 729A Sheller
- 1- NI 729 Sheller
- 2- NI 738 Narrow Row Corn Heads
- NI 723 2 Row Corn Head
- 2- NI 710 Combines
- NI 711 Grain Head
- NI 726 Husking Bed w/720 Corn Head
- Will mix or match any units

USED EQUIPMENT
- Good Selection Used NI 1 Row 323 Corn Picker
- NI 2 Row N Pull Corn Picker w/12 roll husking bed
- NI 2 R Mtd. Picker w/12 roll husking bed
- AC Model A Gleaner 12' Combine
- AC 4 Row 3 pt. Cultivator
- Gehl 600 Harvester w/2Row W or N Corn Head and Pickup
- Fox 2000 Harvester w/2R corn head & hay pick up
- Owatonna Grinder-Mixer
- Gehl 115 Grinder-Mixer
- Gehl 120 Hydraulic Drive 1000 RPM Grinder-Mixer
- 2-Gehl FB87 PTO Hopper Blowers

LAWN & GARDEN
- Tanaka Flex-Line and Brush Trimmers in Stock
- IH 8 h.p. Rider

**UMBERGER'S MILL** FEED - GRAIN - FARM EQUIPMENT
Dial 717-867-5161 or 717-867-2613 RD #4 (Fontana) - Box 545 LEBANON, PA 17042

**New Idea, Hesston, Gehl, Brillion, & Bush Hog Dealers**

# LANDIS BROS., INC

**1305 Manheim Pike, Lancaster, PA 17601**
**Phone - 717-291-1046**

## JOHN DEERE DESIGN, DEPENDABILITY AND DEALERS MAKE THE DIFFERENCE

## CHECK THESE SPECIALS — CALL RIGHT AFTER 7 A.M. FOR INFORMATION & PRICES

### New Tractors
JD 4440 quad, SG
JD 4440 PS, SG
JD 4240 quad, SG
JD 4240 PS, SG
JD 2940
JD 2640
JD 2440
JD 2040

### Used Tractors
JD 3010 RU dsl w/46 A loader
JD 3020 dsl.
JD 2520 gas
JD 2440 HU dsl., hi-lo
JD 2630 HU dsl.
JD 2010 R gas
MF 65 dsl. w/ldr.
IHC 656 dsl. hydro.
IHC Cub w/mower
JD 4430 Creeper trans. 4 PRG w/ new tires
JD 1020 Rug w/47 loader

### New Combines
JD 7720 w/215 flex platform and 643 CH
JD 6620 SH w/215 flex platform and 643 CH

**JDFP WAIVER PROGRAM ON NEW JD & USED HAY EQUIPMENT INCLUDING FORAGE HARVESTERS & WAGONS UNTIL 1-1-82**

### Used Combines
JD 7700 w/14' plat.
JD 6600 w/444 CH

### New Forage Harvesters & Equipment
JD 5820 s-p, cab, power wh. dr.
JD 483 4 row Stalker
JD 3960 Hay p-u, 3RC N
JD 3940 hay p-u, 2 RC N
JD 16A chopper
JD 716A forage wagon
JD 6500 blower

### New Balers
JD 337 w/30 ejector
JD 336 w/30 ejector

### Used Balers
JD 336 PTO
JD 336 engine
JD 346 PTO w/30 ejector

### New Mower Conditioners
JD 1207 mower/conditioner, 7'
NI 272 cut/ditioner

### Used Mower/Conditioners
JD 1209 9'
Hesston PT10 9'
MF 81-9'

### Used Forage Harvesters & Equipment
JD 38, 2RC N
JD 16A chopper
JD 15A chopper
Farm Hand 87B grinder/blower
AC forage blower

### Used New Idea Uni-Equip.
708 dsl. power unit, like new cab w/air, hydrostatic
707 dsl. power unit, cab
767 super chopper
768 w/N3 row RC
769 flail mate
762 2R 30" RC

**SPECIAL PRICES ON ALL NEW IDEA SPREADERS & HAY TOOLS WITH FACTORY REBATES**

### New New Idea Uni-Equip.
709 dsl. power unit, 4 WD, cab, air
838 husk bed
841 feeder house
743N 3 RN corn head
713 grain platform

### New Corn Pickers
NI 323 1 row

### Used Corn Pickers
NI 310 1 row
NI 309 1 row snapper

### New Rotary Cutters
JD 506 5' util. 3 pt.
JD 606 6' util. PT

### New JD Utility Tractors
JD 750 w/MF WD

### Used Lawn Tractor & Equip.
JD 400 w/60" mower
JD 110's, 112's
JD 7700 4R Reg.

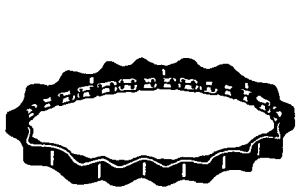
### Tillage Equipment
New JD 950 10 ft. roller harrow
New JD 950 12 ft. roller harrow

### Miscellaneous
JD 300 Elevator 28 ft.
NI 176 Elevator 36 ft.

**JDFP WAIVER PROGRAM ON NEW JD & USED CORN PLANTERS UNTIL 4-1-82**

### New Planters at Old Prices
7000-6R 30 conservation
7000-6R 30 regular
7000-4R 30 regular

### Used Planters
JD 1440 4R, no-til
JD 1240 plateless
JD 494A, 4R N
Ford 309, 4 row
Oliver 540 4 row
JD 7000 4R Reg.



**Before it's time to fill your silo, be sure your forage harvester is working right. We have the repair parts you need for a smooth harvest.**

Whether you own a self-propelled or pull-type John Deere forage harvester, we have the replacement parts to restore full performance. Check your machine today. Then see us for knives, gathering belts, pickup reel fingers, recutter screen or whatever parts you may need. Don't take chances on unnecessary downtime.

**SPECIAL**
**10% DISCOUNT ON EARLY ORDER**
**FORAGE HARVESTER PARTS**
**THRU AUGUST 8 1981**

## SPECIAL PRICES ON USED EQUIPMENT

| | | | |
|---|---|---|---|
| Massey Ferguson 300 combine - cab w/13 ft. - 3 RW | $ 4995 | JD 210-32 disc 11'5" harrow | $ 2695 |
| NI 324 2 RW Picker | $ 4895 | JD 220 48 disc 17'1" harrow, new blades | $ 6250 |
| NI 323 1 R Picker | $ 1995 | NH 707 3 pt. harvester w/1 RC | $ 1250 |
| IHC 234 2 R Mt. | $ 950 | JD 3800 w/2 RC | $ 3250 |
| JD 17x7 FB Drill | $ 795 | NI 224 10 ton spreader, PTO | $ 3795 |
| JD 15x7 FBB Drill | $ 1495 | JD 54 spreader, PTO | $ 1350 |
| NI 176 36' elev. | $ 895 | IHC 550 spreader | $ 1195 |
| Ford 7 ft. pull rotary cutter | $ 495 | IH 214, 195 bu. spreader | $ 2795 |
| JD RW 28 disc harrow w/new blades | $ 695 | NI 600 forage box | $ 695 |
| | | AC forage box | $ 595 |
| JD BW 36 disc 14' harrow | $ 1295 | JD 115 w/roof (2) | Each $ 1595 |

**ALL USED LAWN & GARDEN EQUIPMENT REDUCED**


# LANDIS BROS., INC.

**1305 Manheim Pike, Lancaster, PA 17601**
**Phone -717-291-1046**

FARM EQUIPMENT

## MAKE MONEY

Bag your silage
Be first
Order now - pay later
Save building that next silo.
Check feeding value
Going over great in states already bagging
Also dry grain storage without spoilage
Take action - save waiting time - lease buy
(Ag Bag Equipment)

**STAR SILO**
R D. 1, Stevens, Pa. 17578
Ph. Denver, Pa.
215-267-7963

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**CFH**

JOHN DEERE

**USED EQUIPMENT**

JD 1520 Gas, SOLD
JD 2510 Dsl., SOLD w/48 Loader
JD 2020 Gas, WF
JD 4020 Dsl. SOLD
JD 4230 4 post RG, Wea. Enc., 18.4x34 Tires 95%, duals avail.
2-JD 4620 Tractors, 1 w/power shift, 1 w/sync. range, duals w/both, 1 w/air cond. 1 SOLD
AC D17 Gas w/3x16 Plow & 4R Rr. Cultv.
JD 720 Gas 2 cyl.
VAC Case Tractor
JD 213 Rigid Platform
Davis 20+4 Hydro Trencher
Ferguson 3 pt. ditcher
JD 494A 4R Planter
JD 7100 Ptl. 12 row 30" like new
JD 12 Row Tool Bar Planter w/no-till coulters
JD 1630 11' 7" Disc
Sunflower 24' Wing Fold Disc
JD 444 4RW Corn Head
JD 843 8RW Corn Head
NH 510 Spre SOLD
JD 54 Spreader
Brillion 13' Pulvimulcher, Ex. Cond
JD 920 12' Packer
JD F145 6-16 SOLD Mtd. Plow
JD 34 Fg. Harves SOLD
Rhino 8' rear blade
JD 407 7' PT Rotary Mower
Woods C80 rotary mower
Woods D315 Bat Wing Mower
Ford 10' Rotary Mower
Lilliston 7' 3 Blade Rotary Mower
JD 894 Rake
JD 65 Blov SOLD
NI 501 Loader

**WE HAVE A JOHN DEERE 1550 POWER-TIL SEEDER Available For Rental**
You can re-seed your existing pastures and alfalfa fields without disturbing what is there. Plan now for your Fall re-seeding needs.

**CFH, INC.**
East Main Street
Cecilton, Md 21913
(301) 275 2195
648-5416 755-6608
Evenings & Weekends
Call Gary (301) 885 2248

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FARM EQUIPMENT

FARM EQUIPMENT

## BRICKERVILLE EQUIPMENT
*** SALES * SERVICE * PARTS**

537 E. 28th Division Highway,
Lititz, PA 17543
717-626-6198

**SPECIAL**

1 Used 3000 gallon Husky Bilt Liquid Manure Spreader w/plow down attachment.

Also
SPECIAL PRICE ON
800 gallon thru 4600 gallon
Both vacuum & augermatic spreader units available

**BUY "BETTER BILT" EQUIPMENT WHY? IT'S "BILT-BETTER"**

**CALL US FOR YOUR NEEDS OF**
- Farrowing Crates
- Lagoon Pumps
- High Pressure Pumps

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## HERR & LEAMAN

**Used Farm Equipment Sales & Service**
**10 miles S. of Lancaster along Rt. 222**

**GUARANTEED QUALITY USED EQUIPMENT**

IH 986, cab & air, low hrs , like new
IH 806 D, one of the last ones made, real nice
Farmall M with wide front & new paint
Oliver 1850 diesel, Perkins (100 h p ), wf, 3 pt on steel
IH 560 c SOLD , fast hitch
JD 38 chopper w/2 row narrow head
IH 806 di SOLD bo, 3 pt wf, nice yr round cab
IH 706 diesel, 3pt., new paint, real sharp
JD 6620 diesel hydro combine, like new, 120 hrs , new in fall of 80
IH 656 diesel hydro, clean
NH 26S SOLD
IH 856 diesel, recent TA & engine overhaul, fully equipped
MF 300 quick attach combine w/cab & air, very clean
(1) (2) JD 4400 combines, cab & air, clean
Gehl 3000 skid loader w/3 buckets, 360 orig hrs , like new w/electric clutch shut off
JD 4020 D, PS, wf, good clean tractor
NH 717 super chopper w/2 row wide head, grass pickup & single row head, less than 200 acres on machine
IH 856 diesel, wf, 38" rubber, 3 pt , clean
NI Uni System 701 w/combine & 11' head
NI 738, 4 row narrow
NI 730, 4 row wide
NI 737 husking unit
NI 727 Husking Unit

**MISCELLANEOUS**

New Aerovent high speed crop dryer model XL927, LP gas
New Hutchinson 6 'x21 utility auger
Like new heavy duty commercial type side mount sickle bar mower, hyd driven
Cab to fit 56 & 06 series, $375
IH & JD rear & front weights
18 4x34 axle mount duals w/hubs for IH, $500
Like new year round cab will fit IH 06, 56 or 66 series tractors

**Box 91 New Providence, PA. 17560**
**Ph. 717-786-1606 &**
**Evenings 717-786-4899**

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FARM EQUIPMENT

NH #275 Baler w/ thrower
NH #845 Round Baler, Excellent Condition
NH 1495 SP Haybine w/Cab
NH 273 Baler w/ thrower

**SHOVER'S**
Loysville, PA
717-789-3117

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FARM EQUIPMENT

**TRACTOR & MOTOR REPAIRS**
Over 20 years experience with Ford tractors and equipment.
Shop & Road Service
Pickup and Delivery

**WALT STIVELY, JR.**
Springville Road
Quarryville, RD3
Phone 717-786-2252

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## C.J. WONSIDLER BROS.

ALLIS-CHALMERS
AGRICULTURAL EQUIPMENT

**AC BIG ORANGE POWER SALE**

**This is the right time of the year to buy your new AC tractor. Pick your size tractor ranging anywhere from a beefy 40-255 H.P. This year's lowest prices!!! TERMS: Buy NOW with Waiver of Finance until 3-1-82**

**TRACTORS**

AC 7040 D w/cab
AC 7030 D w/cab
AC 190XT D w/cab
AC D17 G
AC WD45 G
AC WD G
Ford 3000 G
Ford 800
Ford 601 w/sickle bar
Ford 9N w/mower
Ford 8N
(2) JD 60
Farmall 560D
Farmall 400
Farmall 460 D
MF 1100 D
MF 1080 D
MF 180 D w/loader
MF 180 D
MF 235
MF 50
White 250 D, like new!!
Oliver 500 D
Oliver 55 D
Case 630 w/loader
(3) Case 300
Case DV
Satoh Elk 550 w/10 hrs

**COMBINES**

Gleaner K w/grain & corn heads
Gleaner AII w/13' grain & 2 row corn heads
Gleaner CII w/13' grain & 438 corn heads
JD 55 Corn Special w/cab, 12' grain & 330 corn heads
JD 55 w/grain & corn heads
JD 40 w/grain & corn heads
JD 45 w/grain & corn heads
MF 82 w/grain & corn heads
NH 975 w/grain & corn heads
IH 203 w/grain & corn heads

**AVCO NEW IDEA**
**Trumbauersville to Finland Rd., Quakertown, PA**
**CALL (215) 536-1935, 536-7523**
**OR Rts. 309 & 100, New Tripoli, PA (215) 767-7611**

**HAY EQUIPMENT**

NH 1469 Self prop 9 Haybine
Hesston 110 Self- Prop Haybine
AC 904 9' Mower Conditioner
Meyers 8' Mower Conditioner
(2) McCormick Conditioner
NI Hay Conditioner
IH Hay Conditioner
McCormick #2 Hay Conditioner
AC 303 Baler
NH 68 Baler
NH 277 Baler & Thrower
NH 479 Haybine
(3) NH 461 Haybines
NH 469 Haybine
MF 81 Haybine
NH 880 Harvester w/2-row corn & pick up heads
(2) AC 720 Harvester w/2-row corn & pick up heads
IH 1-row Harvester w/pick up
Gehl Harvester w/1-row pick up
JD 38 Harvester 30" rows w/pick up & 2-row corn heads
(3) NH 717 Harvester w/1 row corn & pick up heads
NH 717 Harvester w/1 row corn & pick-up heads EXCELLENT!!
JD #6 Chopper w/both heads
NH 616 Chopper w/both heads
IH 16FH Chopper w/both heads

**SPERRY NEW HOLLAND**
Lobachsville, Oley, PA
(215) 987-6221, 987-6257

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FARM EQUIPMENT

FARM EQUIPMENT

JOHN DEERE **Nothing runs like a Deere**

## THIS WEEK'S SPECIAL ON NEW MACHINERY

| | List | Sale |
|---|---|---|
| JD 2440 | $19,061 | $14,800 |
| JD 2420 windrower w/cab & 230 12' auger platform | 27,200 | 20,800 |
| JD 410 round baler | 8656 | 6500 |
| JD 1640 plowing disc | 7932 | 6000 |
| JD 950 roller harrow | 4580 | 3550 |
| JD 2600 plow 4-18 | 7800 | 6300 |
| JD 2800 plow 4-18 | 9500 | 7200 |
| JD 225 offset disc | 5348 | 4250 |
| JD 680 spreader | 9875 | 7300 |
| JD 16A chopper | 5070 | 3900 |
| JD 6500 blower | 2537 | 1850 |
| JD 3940 harvester w/elec controls | 10,282 | 8000 |
| JD 336 harrow 12' | 1350 | 925 |
| JD 145 loader | 2780 | 2100 |
| JD 146 loader | 3380 | 2500 |
| JD 148 loader | 3485 | 2600 |
| JD 158 loader | 3775 | 2900 |

**Rental of Power Till Seeder**

## SPECIALS ON USED EQUIPMENT

| | | |
|---|---|---|
| **TRACTORS** | | |
| JD 2840 Tractor | 14,800 | 13,800 |
| JD 4020 | 9500 | 9000 |
| JD 4010 | 9000 | 8500 |
| JD 730 | 4250 | 3950 |
| JD 730 | 4000 | 3600 |
| Ford 8N, mint cond | 2800 | 2500 |
| Ford 801 | 2800 | 2500 |
| JD A | 1800 | 1500 |
| JD MT | 1600 | 1050 |
| **HAYING EQUIPMENT** | | |
| JD 336 baler w/30 ejector | 4600 | 4200 |
| JD 24 T baler w/#2 ejec(SOLD) | 1475 | 1200 |
| JD 14T w/#1 ejector | 650 | 600 |
| JD 14 T baler w/#2 ejector | 1495 | 995 |
| NH 273 baler w/ thrower | 3500 | 3000 |
| NH 68 baler w/54 thrower | 1100 | 975 |
| Owantonna 700 SP Mower Conditioner | 3500 | 2500 |
| Case 475 mower conditioner | 1995 | 1500 |
| NH 1469 SP haybine | 4000 | 3000 |
| NH 469 haybine | 1875 | 1395 |
| JD 640 rake | 1275 | 1150 |
| AC rake | 600 | 500 |
| **PLANTERS** | | |
| JD 7000 6RN liquid conservation | 9500 | 8800 |
| JD 7000 planter, 4RW | 6000 | 5500 |
| JD 7000 Maxi Merge | 6500 | 5600 |
| JD 494A | 900 | 700 |
| JD 494 | 650 | 500 |
| JD 1240 plateless pltr | 2300 | 2000 |
| AC no till 6RN | 3500 | 2400 |
| IHC 6RN 400 cyclo | 3500 | 2500 |
| White 5400 plateless planter, 6RN, 2 yr old | 6600 | 6000 |
| **HARVESTERS** | | |
| JD 38 harvester w/2 row head | 2000 | 1800 |
| JD 3800 harvester w/2 row narrow head | 5100 | 4000 |
| JD 244 corn head | 2100 | 1900 |
| JD 244 corn head | 2400 | 2200 |
| **DISCS** | | |
| MF 12' | 2000 | 1900 |
| JD Killifer, 11' | 975 | 800 |
| M & M Disc | 1200 | 1000 |
| **PLOWS** | | |
| JD 2-14" | 475 | 450 |
| JD 52 2-12 | 85 | 75 |
| JD 44 2 btm trail | 125 | 115 |
| JD 345 5-16 | 2500 | 2400 |
| **MISCELLANEOUS** | | |
| JD 1990 wheel harrow | 2000 | 1800 |
| JD 45 combine 12' w/ oversized tires | 3500 | 2500 |
| Grove wagon | 495 | 450 |
| NH wagon w/hay rack | 850 | 800 |
| JD 963 wagon | 400 | 350 |
| NI corn picker | 1600 | 1450 |
| JD 101 picker | 300 | 100 |
| JD 115 chuck wagon | 2800 | 2200 |
| Papec 880 grinder mixer | 3875 | 3500 |
| JD 127 rotary mower | 650 | 550 |
| NH 33 chopper | 700 | 600 |
| Hawk tank 7½ ton spreader | 3500 | 3000 |
| NI spreader | 975 | 850 |
| MF blade | 450 | 395 |
| JD 1064 wagon | 595 | 550 |

**NO TRADE ON SALE PRICES**

JOHN DEERE

**AUKER-ENA EQUIPMENT, INC.**
**Oakland Mills, PA 17067**
**717-463-3511 436-2235**

LONG

# WENGER'S INC.

## TRACTOR WHOLESALERS

LONG

SOUTH RACE STREET
MYERSTOWN, PA 17067

PHONE:
DAYS: 717-866-2135
NIGHTS: 717-866-7147
OR: 717-273-9089

## REASONABLE PRICES FROM THE TRACTOR WHOLESALERS

**ALLIS CHALMERS**
220D .. ..... $6900
190XTD ..... $4800
170D . ..... $5700
WD-Wide Front. $1200
D12. ..... $2000
C w/Rotary Mower ..... $1500
B... ..... $1200
WD45 ..... $1350
D21 Series 2... $4800

**TRACTOR SPECIAL**
**1 WEEK ONLY**
CASE 1030
**$3950**

**FORD**
860..... $3000
7000D - Cab.. $7900
4000D ..... $2250
NAA ..... $2850
(2) 9N .. $1250-$1950
(2) 800 . ... $2500

**JOHN DEERE**
4430 Cab .. $17,500
(2) 4320.... $11,500
5020 Cab - Duals ..... $8900
4020D .. .... $7900
3020D ..... $6900
(2) 820D . .... $2900
730G ..... $2500
MT ..... $1650
R Diesel ..... $1500
4020 Gas ..... $5900

**MASSEY FERGUSON**
1155D ..... $9500
1150D ..... $7500
1105D w/Duals $8750
1085D - Cab... $8750
175D ..... $4850
T030..... ..$1350
Pony w/cult. ..$1500

**SPECIAL**
**NI 701 UNI w/CAB COMBINE - GRAIN HEAD**
**727 HUSKING BED**
**3x30 HEAD**
**2x40 HEAD**
**$5500**

**CRAWLER LOADERS**
Cat 941.. ..$16,500
Cat 933 .... .$8750
Cat 933 Swamp ..... $8750
JD 350 ..... $8800
JD 450B w/9300 Hoe.. $14,900
Cat 955H - .... $9500
AC HD7 ... ..$6900

**DISC'S**
Int 36 w/wings . $4500
Int 44 w/wings . $4500
Long Offset... $4000
Wilbeck Offset $4500
(2) Int Cubs - Rebuilt .... .$600
JD KBA 28 Rebuilt .... $750
IH 28 FH - Rebuilt $750
(2) IH 44 Blade - Rebuilt $1800 - $2000
(2) IH 40 Blade - Rebuilt ... .$1800
(3) IH 36 Blade - Rebuilt .. .. $1800
White 44 Blade - Rebuilt ... $2000
(2) Cub - Used $400
Oliver 36 Blade Wheel ... .$1500
(16) 6'6" 3 pt - New ... $495

**CASE**
1370D .. . $11,000
1030D ..... $5000
930DCK ..... $5000
1470D 4WD - Cab ..... $13,900
(2) 930D CK - Standard ... .$2800
(2) 830D CK . .$5000
930 Standard.. $1850
800 D ..... $1500
1070 w/cab . $7950
1370..... . .$7950

**OLIVER**
2050..... . .$6900
1950T 4WD ... $7500
1950 GM ... .$7000
1855 - Cab .. $10,000
1850 - 4WD ... $7500
1800 - 4WD ... $7000
1650D ..... $3500

**LONG**
N 610DT . ..$10,900
N 560DT..... $8900
560DT .. .... $5000
N 360 ..... ..$7300
N 310C..... $6750
N 510 Crawler $10,500

**FARMALL**
1086D..... $14,900
1466D Cab .. $14,900
(2) 1066D Cab. $10,900-$12,900
806D ..... $4800
706D German . $6900
(2) 706D $3900-$4600
(2) 706G $3500-$3900
674D w/Loader $7900
656D .. ... $5450
2404G w/Mower $4900
300G ..... .$1400
Super A. ... .$1500
(2) Cub w/cult .$1750-$2850
(2) H .. ..$375-$750
(2) C ...$1000-$1600
(2) M ...$900-$1275
856 w/cab..... $9500
856..... .$9000
806 w/cab & duals..... .. $8250
806..... .. .$7350
560D w/cab ...$3250
1566 - Black Stripe - 1975 .$8500
A.. ... ... $875

**FLAIL CHOPPERS**
JD 16A... ...$1500
NH 36.. ...$2000
MC .... .....$695

**COMBINES**
Gleaner CII w/Grain.....$3500
(2) JD 40's From $1800
JD 45 .....$1500
IH 203 .. ...$2000
IH 715..... $10,000

**CORNSHELLERS**
(2) JD 43 PTO.. $595
MM D PTO . ...$375
(3) NI Grinder for Mtd ..... $350-$750
(5) NI Shellers for Pull & Mtd .. $300-$1000
(6) IH 234 Shellers & 12 Roll Beds ... $350-$950

**HARVESTER HEADS**
(3) (2) NH 880 2x30
NH 880 2x40
NH 880 3x30
NH 818 PU
NH 717 2x30
(2) NH 717 PU
(3) NH 717 Sickle
(3) NH 616 PU
(2) NH 616 Sickle
(2) JD 34-38 1X Corn
(2) JD 34-38 2x30 Corn
(7) JD 34-38 PU
(6) JD 34-38 Sickle
(2) IH 550 2x30 Corn
(7) IH 550 PU
(7) IH 350 - 550 Sickle
(7) IH 350 PU
Hesston 2x30 Corn
(4) Gehl 2x30 Corn
(10) Gehl PU
Gehl Sickle
(2) Fox Sickle
(5) Fox PU
AC 720 2x30 Corn
(3) AC 720 PU
(2) AC 780 PU
(3) Hesston PU
(2) Fox 2x30 Corn
Fox 1X Corn
Fox 4x20 Corn
(2) Case PU
Fox 3x30 Snapper
Fox 3x36 Corn

**DRILLS**
Int 13 S Disc.... $900
Int 17 S Disc... $1800
Int 18 D Disc... $2000
JD 17 S Disc.... $950
JD FBB 13S Disc ..... ..$1650

**TRAILERS**
1969 Great Dane 35 ton detachable . $13,750
New HD10 2½ ton . ... ...$1650
(2) New HSE14 4 ton .... $1600-$1700
New HSM14 6 ton . .. ..$2000
New HSL14 6 ton .. .....$1950
(3) New HTR16 8 ton . . ...$2950
New HTRB18 18 ton .. . .....$5875
1976 Gooseneck 3 axle w/tilt top . .$5000

**CORNPLANTERS**
IH 6X Air - Liquid .....$2500
(2) JD 290 Pull . .$595
Ford 4X w/Gandy .....$1000
2x3 pt. .....$295
354 Ford Air Planter w/monitor - like new.. .....$1950

**CABS**
New All Season For 930 & 1030....$1700
New FV For IH Combines. ...$1000
New FV For 1150 MF .....$1700
New FV For 1085 - 1155 MF . .. $2000
Used For JD 45 Combine.. ....$600
Used For IH 203 Combine . ....$800
Used For NI Uni System ... ....$900
Used for 1750 Oliver . .. ....$500
Used For 4020 w/Roll Bar. ....$600

**CULTIPACKERS**
Brillion 9' .. ...$175
Dunham 12' ....$595
(3) 16' packers. .$795-$1250
Dunham 16' Mulcher .....$2275

**HARVESTERS**
NH 717 - 2x30 . $2350
AC 720 - 2x30 - PU..... $1750
IH 650 - 2x30 - PU..... $2000
Fox SP Diesel - Max II - 3 Row - Flail Head ..... $11,500
Fox - 2x40 & PU . $500
NH 890 w/any head

**NI UNI SYSTEMS**
702 Tractor
(3) 701 Tractor
(2) 727 Husking Bed
(4) 2x40 Cornhead
(7) 3x30 Cornhead
(3) Combine
(3) Grainhead
4x30 Cornhead
(2) Chopper
(2) 3x30 Chopper Head
(4) Pickup Head
High Moisture Throat
(2) 2x40 Chopper Head
(3) 3x40 Corn Head

**SPECIAL**
**NI 701 UNI w/CAB COMBINE & GRAIN HEAD**
**$2500**

**MISC. CONSTRUCTION**
Int TD9 Winch. . . $500
Davis DH5 trencher New Diesel . $12,500
JD 420 winch . . $600
New winch . . .$1000
(6) Sweeper attach. From . . .$95
(40) Used hoe buckets . . . From $150
(25) Loader buckets .... From $95
New landscape boxes .... From $425
(4) Set forklift forks ..... From $300
Sheepsfoot Roller ..... $1750
Cat D2 Winch . . $400
JD 1010 Winch. $250
Air Compressor (Garage Type) - Like New 5 HP ..... $1750
Mich 35 4WD Loader ..... $8500
Franklin 133B Pack-N-Back Skidder.... $7750

**BACKHOES**
Long 3 pt. Hoe-new ..... $4500
Long 5 in 1 w/cab..... $17,500
(2) JD 310 . . $11,500 & $10,500
Ware Hoe Attach..... $2750
Case 580B w/Cab Extend A Hoe . . $7350
Case Hoe Attach..... $2500
JD 9300 Hoe Attach..... $5500
3 Pt. Backhoe. . $2400
Arps 3 Pt. Backhoe... . $3000
Int 2504 ... . $5700

**SPECIAL MENTION**
**NH 890 HARVESTOR**
**NH 2x30 SNAPPER HEAD FOR 880 OR 890**

**LOG SKIDDERS**
Taylor S112 - Nice ..... $7500

**CORNPICKERS**
NI 12 Roll Mtd. (319)..... . .$3500
NI 12 Roll Mtd. (305)..... . .$1950
(2) NI 324 12 Roll. ..... . .$5500
(3) NI 311 Sheller ..... $1650
NI 324 Sheller $5800
NI 325 Sheller . $3500
Ford 1X Mtd (Blue) . ..... $1350
NI #10..... $895
NI 325 - 30" Coming in

**ROLLBACKS**
1979 Int 2500 Tandem 290 Cummings 1110 Trans Jerr-Dan 26' Rollback Built Super Heavy . $48,500
1968 Int. Diesel - 24' ..... $8500
1975 Ford Diesel 24' - 8000 Louisville.... $20,000

**COMPLETE RUNNING GAS & DIESEL ENGINES**
50 On Stock - Call

**SKID STEER LOADERS**
Case 1740 Diesel..... $6800
Melroe 530 w/ 2 Buckets..... $5800

**PLOWS**
White 6x18 Reset ..... $5000
(2) JD 5x16 semi mtd ..... $900-$1350
JD 5x16 Pull.... $775
(40) 1X to fit small tractors
JD 1450 6x16.. $2150
JD 1450 6x16.. $2950
JD 1450 6x18.. $3350
IH 720 5x20 Reset ..... $5000
White 348 3x16 Reset ..... $1850
(3) JD 2600 4x Reset New ..... $5000
IH 6x16 Reset ..... $2800
JD 2600 7x18 On Land Spring Reset . $6000
JD 6x16 ..... $1250
1x-2x pulls on stock
Lot of 3x and Smaller Plows
MF 3x Rollover . $1250

**DUMPS - CONSTRUCTION**
1974 Ford Louisville Single Axle New 9' Dump Body 225 Cat Diesel ..... $12,750
1974 Int 2050 Single Axle New 9' Dump Body 225 Cat Diesel . . . $13,750

**DUMPS - FARM**
1974 Ford Louisville Single Axle New 18' Omaha Dump w/Cattle Racks 225 Cat Diesel . . . $14,950
(2) 16' Steel Dump Bodies - Complete - Used Less Than 1 Year Excellent..... $4500

**FORKLIFTS**
Ford 30' Diesel .... . $11,500
JD 2010 . . . . $5000
Int 340 .. .... $4500
Yale 3000 Lb... $3500
Case 585D . $9900

**TRUCK TRACTORS (All Diesel)**
1970 Dia Reo conv. screw . . . $7000
1968 F Mack Sleeper screw.. $2500
1976 Ford 7000 Louisville single ..... $8950
(2) 1974 Ford Louisville single ..... $8500
Int Emoryville.. $1500

**SPECIAL**
**NI 702 UNI w/CAB HARVESTER - 2x40 CORN PICKUP HEAD**
**$4500**

**HAYING TOOLS**
JD 336 Baler w/Kicker..... $3900
(2) Chopper Attach For Baler ..... $475
(2) Elevators.... $695
NH 479 Haybine .. ... $3000
NI Cut-Dutioner ..... $1800
Gehl Haybine .. $1250
Hesston 10 Stacker - Nice ..... $3000
JD Stack Mover $1850
(2) Hesston 10W Mower..... $750
NI Rake..... $595
AC Rake ..... $795
(2) NH 850 Round Balers.. $4500/$5250

**CHISEL PLOWS**
Athens 13' pull . $1575
Glenco 9' Soilsaver ..... $3400
(8) Field Cult. - ..... From $795

**COMBINE CORNHEADS**

| AC | | | |
|---|---|---|---|
| (2) C630 | (3) 229 | | |
| (2) G440 | (6) 227 | | |
| For F or G | 25 22 | | |
| (3) C440 | I H | | |
| C430 | 10'-13' | | |
| F435 | Grain | | |
| F430 | Heads | | |
| A330 | OLIVER | | |
| F330 | 703N | | |
| FL330 | (4) 544 | | |
| (3) E III 240 | 541 | | |
| (2) E240 | (2) 531 | | |
| A240 | (4) 522 | | |
| K 13' Grain | (3) 512 | | |
| | MF | | |
| JD | 63 | | |
| 444 | 44 | | |
| (2) 343 | 422 | | |
| 435 - | 33 | | |
| (3) 434 | 322 | | |
| (4) 334 | (3) 321 | | |
| (2) 313 | (2) 24 | | |
| (2) 244 | (4) 222 | | |
| (7) 234 | (2) 22 | | |
| (5) 210 | 20 | | |
| (2) 205 | QT Grain | | |
| 13' QT Grain | Head | | |
| | MISC. | | |
| 8' & 10' For 40 & 45 | NH 4x40 QT NH 3x30 NH 2x40 | | |
| IH | CASE | | |
| 843 | 4x40 | | |
| 833 | CASE | | |
| (2) 744 | 3x30 | | |
| (3) 743 | N.I. | | |
| (3) 429 | UNI | | |
| (4) 733 | 4x30 | | |
| (3) 329 | (3) 3x40 | | |
| (2) 327 | (7) 3x30 | | |
| (2) 724 | (4) 2x40 | | |

## NEW MACHINERY SPECIALS

| | |
|---|---|
| 4' 3 Pt. Rotary Mower | $485 |
| 4' Pull Rotary Mower | $675 |
| 5' 3 Pt. Rotary Mower | $495 |
| 6' Pull Rotary Mower | $795 |
| 5' Free Stall Scrapers | $450 |
| 6' Free Stall Scrapers | $475 |
| Landscape Boxes - Same As Above | |
| 3 Pt. Boom Poles | $60 |
| 7' 3 Pt. Peg Harrow | $395 |
| 10' 3 Pt. Peg Harrow | $495 |
| 14' 3 Pt. Peg Harrow | $595 |
| 3 Pt. Fertilizer Spreaders | $395 |
| 6' 3 Pt. Landscape Rakes. | $495 |
| 1 Row 3 Pt. Marker | $175 |
| 2 Row 3 Pt. Marker | $265 |
| 7' 3 Pt. Blades | $245 |
| 6'6" 3 Pt. Disc | $495 |
| 1 Bottom 3 Pt. Plow | $295 |
| 2 Bottom 3 Pt. Plow | $450 |
| 1200 Bu. Corn Cribs | $795 |
| 3 Pt. Woodsaws | $875 |
| "0" Category Tools 3 Pt. Disc | $295 |
| 5 Ton Wagon. | $450 |
| 6 Ton Wagon. | $475 |
| 8 Ton Wagon w/8" Rims & QL Tongue | $550 |
| 10 Ton Wagon w/8" Rims & QL Tongue | $625 |
| 12 Ton Wagon w/10" Rims & QL Tongue | $925 |
| 11 Ton Wagon w/Tandem Axle | $895 |
| Round Bale Feeders. | $175 |
| Gravity Bins | $450 |

## MISC. MACHINERY

Long RollBars .. $300
NH 352 Feed Mill ..... . .$2850
Manure Spreaders
Snow Plows
Side Dressers
Woodsaws
Scraper Blades
Loaders
Large Papec Mill. $500
Spike Harrows ..... $75 per section
Spring Harrows ..... $75 per section
Swartz Mixer Cart ..... $1850
1 Row Potato Digger... ..... $295
Kools Recutter .. $975
Lime Drill ..... $295
(2) Rotary Mowers - Approx 14' ..... $1800-$3500
Long /2" Rotovator - New ..... $1695

**CONSIGNMENT AUCTION**
**MONDAY AUG. 10**
9:30 A.M.

**DUALS (HUBS EXTRA)**
18 4x38 JD Axle $1500
18.4x34 Axle . $500
16 9x38 Axle . $750
(6) 18.4x38 Axle $575 - .. $675 - $750 - $775 - ... .. ..... $900
18.4x38 Factory Axle MF . .... $1000
... ..$1350 - $1500
15.5x38 Snap On.... ..... $450
18 4x34 Snap On .. . .... $650
18 4x38 Factory Oliver .. ... $1350
18.4x38 Factory Ford Axle - New ..... ..$1800
Lots Of New Duals On Stock

## WANTED TO BUY

NI 323 & 325 CORNPICKERS
2x30 HARVESTER HEADS (ANY KIND)
3x30 HARVESTER HEADS (ANY KIND)
USED TOYS & PEDAL TRACTORS

**ALL TARPS ½ PRICE UP TO 10x20**

**CORNPICKER SPECIALS**
NI 325 Picker - 8 Roll & Sheller-$4850
NI 325 Picker - 12 Roll & Sheller-$5850
(2) NI 324 Picker - 12 Roll & Sheller - $4850 - $5850
LOTS MORE ON STOCK

FARM EQUIPMENT

WHITE Farm Equipment

FIELD QUEEN FORAGE HARVESTERS

**NEW EQUIPMENT SPECIAL PRICE ON WHITE TRACTORS**
2-135 20.8x38, Air
2-30 4 Wheel Drive
8700 Combine
New Yanmar Diesel Tractors 16-27 hp.

**NEW HARVESTERS**
Field Queen 7655 Side Dump
Fox 6650
Fox 6354
Fox 3310
NI 708 Uni w/717 Combine
Hesston 7160 pull type
Hesston 1090 9' Windrower
Hesston 6550 12' Windrower

Used Hesston 4800 BIG SQUARE BALER

Allen 20' Hyd. Rakes

SPEEDY CORN CRIBS
1200 bu. capacity
$695.00

**USED TRACTORS**
White 2-70 w/Cab & Loader
Oliver 1850 D
White 2-62 4 Wheel Drive
IHC 350 Utility w/Loader
JD 2510 Gas

**USED HARVESTERS**
NH 1895 4 WD, 3 Row Auger Head, Pickup, Excellent, 230 hrs.
NI 705 Unit w/3R
NI 702 Diesel Uni
NH 890 3R & Pk. Up.
Gehl Recutter Blower
IH 715 Combine, 13' grain & 3 Row Corn Head

**USED EQUIPMENT**
Fg. Wagons, J.D., AC, Grove & Dion, NH
Brillion 9' Rotary
Woods 5' Rotary
JD 7000 4R Reg. Planter
White 5400 6R No-Till Pltr.
IH Cyclo 500 8 Row No-Till Planter
AC 6R Liquid Planter w/No-Till
JD 220 Sgl. fold 17½' Disk (like new)
AC 15' heavy duty Sgl. Fold Disc
NI 324 2RW Picker
NI 60' 8" Auger
JD 224 T Baler
JD 24 T Baler
Hesston PT10 Windrower
NH 479 Haybine
NI 272 Cut/ditioner
Hesston 320 SP Windrower
Hesston 1014 Hydro Swing Windrower
SS9 Glencoe Soil Saver
NI 710 Combine
Hawk Bilt 2155 Roll Top
Short Block GM 478 for 705 Uni
Better-Bilt Hi-pressure Vac. Pump

**STOLTZFUS FARM SERVICE**
Cochranville, Pa.
215-593-2407

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**THIS WEEK'S SPECIALS**
NH 467 haybine, A-1
IH 203 12' w/hume reel

**TRACTORS**
Farmall H, good shape
Farmall M
IH Super H Farmall
AC D14
VAC Case w/wide front

**MISCELLANEOUS**
NH 479 & 460 haybine
AC 903 haybine
NH 1469 SP w/cab
NH whirl-a-feed blower
NH 461 haybine
(2) McCurdy gravity boxes 225 bu. & 275 bu.
Disc, plows, mowers, balers, wagons, rakes, harvester grain bins, harrows, pickers, & loaders
Unloading wagons $450-850
3 pt rotary cutter
Pull type rotary cutter
Hesston hydro-swing 12' haybine $1950
MF baler w/thrower, $650
IH fast hitch mower

**COMBINES**
MF Super 26, 10' A-1
MF 35 SP 8' cut
JD 25, 7' cut
IH 76 7'
MF 510 quick attach through
AC 66 pull
IH 203 12'
JD 30 auger feed, pull

**HARVESTERS**
IH pickup head - fits 50, 55, 550, 555 & 650
JD 38 2 or 1 row
IH 550 2 row w/pickup
IH 55, 2 Row
AC 780 2 row
NH 717 harvester

**DISMANTLING COMBINES FOR PARTS**
Gleaner A, C, CII, AC 60, 66, IH 64, 76, 125, 127, 141, 95, 91, 93, 203, 303, 205, 151, JD 12A, 25, 30, 40, 45 round back, 45 square back, 55 round back, 55 square back, 95, 105; MF 80, 90, 26, 27, clipper, 72, 82, 92, 35, 300, 410, 510, Oliver 35, 40, 430, & pull type, Ford SP & pull types.

**DISMANTLING TRACTORS FOR PARTS**
JD 2010, 70D, 4010, IH F 14, A, B, C, H, M, 300, 350, 460, 460 Ut., Supers C, H. & M. JD A, B, 50 & 60. AC WD & D17 Oliver 70 & 77. Ford 8N & 860. Case SC & V.A.C. Massey 44D, MF 85D, IH 400, MTA, 240, F20, WD D2 Cat crawler.

Dismantling 75 combines for parts

**KEITER'S FARM MACHINERY**
R D. #1 Halifax, PA 17032 Rt. 225 20 mi from Hbg
Phone 717-362-9574 or 362-9096

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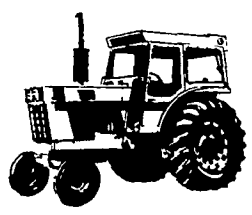


**NEW TRACTORS**
IH 284D
IH 284D 4WD
IH 384
IH 484
IH 684
IH 884
IH H 84
Farmall 986
Farmall 1086

**NEW DISC HARROW**
IH 122 5'6"
IH 122 6'9"
IH 475 18'7"
IH 501

**USED HAY EQUIPMENT**
IH 990 mower conditioners
IH 46T balers w/#10 thrower
IH 47T baler w/#10 thrower
IH 440W baler w/#10 thrower
IH 47W baler
IH 10 bale thrower

**USED TRACTORS**
Farmall C w/loader
Farmall H
Farmall 504
Farmall 544 D
Farmall 656
Farmall 806D
IH 354
IH 444
IH 454 w/loader

**USED COMBINES**
IH 503 w/2 heads
IH 815 w/Grain head
IH 205 w/Grain head
IH 615 w/Grain head

**NEW HAY EQUIPMENT**
IH 445 W balers
IH #15 bale throwers
IH 1190 9' mower conditioners
IH 1300 7' 3 pt. hitch mower
IH 35 rakes

**NEW CULTIVATORS**
2 IH 183 4 row Vibra tines

**USED CULTIVATORS**
IH 463 4 row
IH 153 4 row

Uptime Service

certified service
1980 1981

**W. HOBENSACK'S SONS**
1060 GREELEY AVE.
IVYLAND, BUCKS CO., PA.
18974
1-215-675-1610 1-215-343-2101

---

FARM EQUIPMENT

**SUPER SPECIALS - MUST GO!**

| New Equipment | Sale Price |
|---|---|
| Hydra Mac 20C Skid Loader | $16,000 |
| 1584 D RC tractor | 11,900 |
| 1684 D utility tractor | 12,680 |
| 1784 RC tractor | 13,800 |
| IH 400 4R cyclo planter (Waiver until 4-1-82) | 4,500 |
| IH 5100 16x7 comb. drill | 3,660 |
| 2250 loader (buckets not inc.) | 2,550 |

| | |
|---|---|
| 1986 D tractor* | $26,500 |
| 11086 D tractor* | 33,000 |

*Both of these tractors are eligible for a $3000 Rebate from IH if purchased before July 31, 1981.

**Used Equipment**

| | |
|---|---|
| Farmall 544 G tractor (exc cond.) | 5,800 |
| I-656 D tractor | 6,600 |
| New Idea 705 D Uni-System (real bargain) (Combine, cutter bar & 3 row corn head) | 19,500 |
| IH 990 mower conditioner, 9' | 1,295 |
| IH 37 baler w/thrower | 1,125 |
| John Deere 24T baler w/thrower | 1,795 |
| IH 55 chisel plow 13' (Good cond.) | 1,595 |
| IH 700 4F plow (auto reset) | 2,250 |
| NH 479 haybine, 9' | 2,950 |
| IH 203 w/grain platform | 2,200 |

**C & W EQUIPMENT, INC.**
260 York Rd.
Carlisle, PA 17013
717-243-4419

---

**FOR SALE**

**USED TRACTORS**
AC B, G, D12, D14, D15, D17's, D19, WD45, 160, 5040, 170, 175, 180, 185, XT190, 200, 7000, 7030
Ford NAA, 600, 2000, 3000, 4000, 5000, 9600, 4000 diesel
JD 620, 730, 3020
Int. cub, Super A, Super AV, 140, M, Super M, Super MTA, 230, 240, 340, 414, 424, 504, 560, 544, 966
Case 430
MF 135
(2) MF 235 diesel, PS, only 5 hrs., price $7250

**USED HAY TOOLS**
**Mower Conditioners:**
Hesston PT7, PT10, 1090
NH 469, 477, 478, 489, 479
JD 1207
**Cutditioners:**
NI & MC 7' & 9' models
30 assorted sickle bar mowers
**Side Rakes:**
KMI 9' PTO side rake
Fahr 3 pt. turbo mower
NH 55, 56, 259
JD 640 w/dolly wheel
NI & IHC
New & Used Fahr & Grimm hay tedders
Balers w/throwers
Used NH 320, 276, 273, 268
Hesston 4500
JD 24T
AC 444
**Used Forage Blowers**
NH, JD, Kools
**Flail Choppers**
Gehl 72
NH 38, 36, 33
JD 15
IHC 8
**Forage Harvesters**
NH 717
JD 38
Hesston 7020
AC 780
Large assortment of heads, call for your needs
Used 2 & 4 row 3 pt. cultivators
New 4-row 3 pt. cultivators
New bale racks

**USED INDUSTRIAL EQUIPMENT**
**Bull Dozers**
AC 652, 653
IHC 500C
JD 350B, 6 way blade
JD 450C, 6 way blade
**Crawler Loaders**
JD 350C
AC HD3, HD4, 655
**Tractor Loader Backhoes**
Case 580B
Case 580C w/cab excellent cond.
JD 300 w/3 pt. hitch
Tree farmer C5D log skidder
Largest selection in the area of new AC tractors & machinery
New Idea hay tools, manure spreaders & corn pickers
Hesston hay & forage tools
Grimm & Fahr tedders
Many of our manufacturers have deferred terms or rebates

Call For Our Deal Before You Buy & Be Pleased

**MARSHALL MACHINERY, INC.**
RD #4
Honesdale, Pa. 18431
5 miles east of Honesdale on Rt. 652
Ph: 717-729-7117
Sales & Service AC, NI, Hesston, Kubota

---

FARM EQUIPMENT

**RENTAL**

SPECIALIZING IN RENTAL OF
**SKID LOADERS & BACKHOES**

**STOLTZFUS MFG. CO.**
R.D. #1 Box 700
Honey Brook, Pa. 19344
Phone - 215-273-3376
or 215-273-3050

---

bobcat

**USED EQUIPMENT**

**Tractors**
Farmall 140
Farmall M
U460 w/33A Loader
IH 484 D
IH F544 Gas
IH I-656 Gas Hydro
IH F 450 D
IH F 986 D
IH F1066 D
IH Hydro 84 D
IH 184 Cub Lo-Boy
IH 85 Riding Mower
Oliver 1850

**Plows**
IH 550 5-Bottom
IH 450 3F Auto Reset
IH 531 3F
IH 700 6F Auto. Reset
IH 710 4F Automatic
3F Trailing Plow
Fast Hitch 2 way
MF 5F 14" Mounted
JD F125 3F

**Tillage**
IH 122 Mtd. Disk Harrow
Dunham 10 Ft. Cultipacker
Howard S.T 180 Rotovator
Lely Power Harrow
MF 3 pt. Disk Harrow
Oliver 253 Disk Harrow
Brillion 16 Ft. S T. Harrow
McConnel 20' Spring Tooth Harrow with Transport

**Planters & Drills**
IH 500 Planter, 6 Row
Pittsburgh 4-Row 3-pt. Cultivator
IH 251, 2 Row Mtd.
IH 510 16x7 Combination
JD FB 177B Drill, 17x7
JD 1250 Planter
MF 468 4-R Planter

**Pickers**
IH 234
IH 2 ME
IH 2 MHD
NI 2-Row Mounted

**Combines**
IH 91
IH 127
IH 403
IH 810 15' Grain Head
IH 227 Corn Head
IH 429 Corn Head on 403
JD 45

**Compact Skid Loaders**
IH 4125
Owatonna 1700

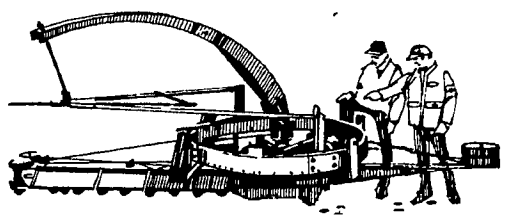
**Hay Machines**
IH 46 Baler w/Thrower
IH 37 w/thrower
IH 10 Bale Thrower
IH 115 Mower
IH 9 Ft. 990 Mower Conditioner
M.C. Rotary Scythe
Kubota 60" Mower
JD Hay Tedder
Myers Hay Crusher
MF 128T Baler
Hesston No. 10 Stakhand
NI Mower
IH 27V Mower
NH 67 Baler
Ford 530 Baler

**Forage Equipment**
IH 16 Harvester w/2 Heads
IH 550 Harvester w/2 Heads
IH 720 For Harv. with 2 Row Cornhead
IH 50 w/PTO Drive
IH 2 Row Wide Row Crop Units
JD 6 Harvester
JD 34 Harvester w/2 Heads
JD Flail Chopper
IH 5 Flail Chopper
AC 780 Harvester
Fox 546 Harvester
NH 717
Gehl FB 82 Blower
IH 42 Blower
IH 56 Blower
NH 25 Blower
Kools Blower
NI Forage Wagon

**Miscellaneous**
Snow Blowers For Cadets
Sauder Loader
IH 175 Spreader
IH 550 Spreader
IH 570 Spreader
Little Giant Roll A Way Elevator
IH 2001 Loader For I 544
NI Spreader
MF 205 Spreader
Waldron Dozer Blade w/IH or JD Mountings
JD Post Hole Digger
Woods 0210 Mower
Woods Cadet 60 Mower
Woods RB7 Blade

This Week's Special...
NEW MC FLAIL CHOPPER
$2395.00

**SWOPE & BASHORE, INC.**
RD 1, Myerstown, Pa.
Located 1 Mile S. of
Int. 78 & 6 Miles
N. of Myerstown on
Rt. 645 in Frystown
PHONE: 717-933-4138
Area Codes 215 & 717
Call Toll Free 1-800-692-7467



If you are thinking about a new
**SILO UNLOADER**
Why Not Try One Of The Best

**A BADGER POW-R-TRAC II**

Talk To The Man Who Knows
Call
**SHOW-EASE STALL CO.**
573 Willow Rd Lancaster, Pa
Ph: 717-299-2536

---

**GOOD USED EQUIPMENT**

Farmall Super C tractor
Used Long mod 910 diesel tractor, 710 hrs , very good cond
Bolens model HT-20 hp w/mtd loader w/front blade & rotary mower, good cond
Oliver 770 diesel tractor, tricycle front end, good cond
IHC model 46 PTO baler, good cond
JD 13x2 grain drill, double disc openers good condition
IH 3 btm semi-mtd fast hitch plow
IH #710 4 F auto reset plow
Good used lawn tractors

AVCO NEW IDEA
**L.L. ECKROTH FARM EQUIPMENT, INC.**
Rd 2, New Ringgold, PA
717-943-2367

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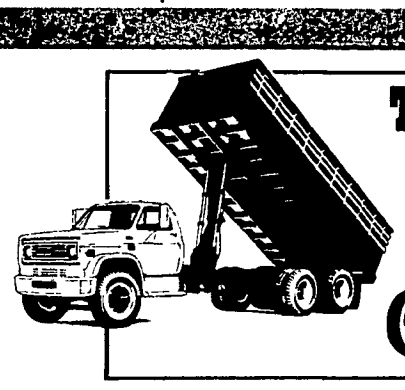

**Tough, Dependable Farm Bodies & Hoists**
Omaha Standard
FARMERSVILLE EQUIPMENT INC. Ph. 717-354-4271

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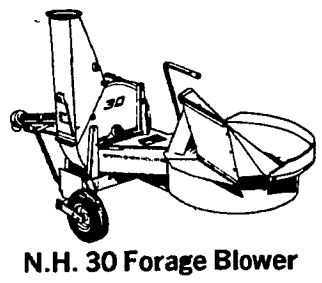
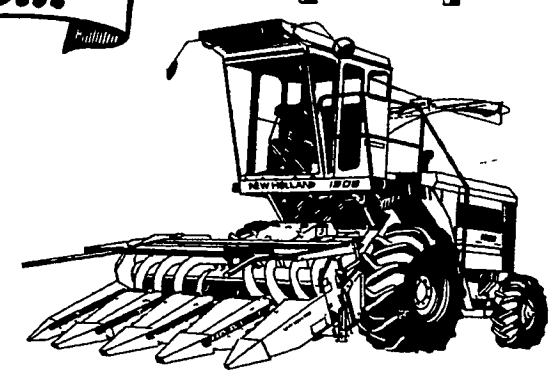
YOU BET... WE DEMONSTRATE CALL US...

NEW HOLLAND

Better by Design
ALLIS-CHALMERS



N.H. 30 Forage Blower



N.H. 1900 Forage Harvester

**We have a full line of New Holland Hay Equipment at excellent prices with service to back it up when it's needed.**

**We Have A Good Line Of Used Equipment at Fair Prices**

M.H. 320 Baler w/Thrower (Nice)
NH 273 Baler w/Engine
IH 430 Baler w/Engine
M H. 82 SP Combine
(2) NH 479 Haybines
NH 1469 SP Haybine w/Wisconsin Engine
NH 489 Haybine (Excellent Condition)
NH 479 Haybine
NH 461 Haybine
McConnell Forage Wagon, 3 Beater w/Roof
Case 995 S.P. Windrower w/10 Ft. Head
Winpower 20,000 PTO Generator (like new)
M H. Corn Head 880R2
M H. Corn Head 717R
M H. Corn Head 741
AC E330 Corn Head, Excellent Condition
IH Harvester 350, 1 Row Corn Head & Grain Head
Gehl CB 600 Harvester, with corn head and pickup head
NH 1495 S.P. Mower Conditioner
AC 904 Mower Conditioner
IH 450 Auto. Reset Plow
IH 710 - 5 Bottom Reset Plow
Brillion 12½' Transport Harrow
Brillion 12 ft. Packer
NH 24' Elevator
JD 16A Flail Chopper
NH 363 Tank Spreader
NI 213 Spreader w/Hyd Endgate
Hydra-Mac 12C Skid Loader (Demo)
Hydra-Mac 12C Skid Loader
NH 775 Skid Loader (Demo)
AC WD 45 Tractor
Farmall M Tractor with steel wheels
7' 3 pt. Rear Scraper Blade
IH 1100 Trail Mower
ARPS 3 pt. Rear Scraper Blade

**WAIVER OF FINANCE**
On All New & Used Spreaders, Grinder-Mixers and Skid-Steer Loaders till Sept. 1, 1981

CALL OUR FRIENDLY SALESMAN BOB GANTZ
717-397-5179 or 687-6002 Or Call His Home 653-5020 Anytime

**WAIVER OF FINANCE**
★ Forage Equipment and Hay Tools till Jan. 1, 1982.

AUTHORIZED SPERRY NEW HOLLAND PARTS and SERVICE

**PARTS & EQUIPMENT SALES & SERVICE**

**L. H. BRUBAKER, INC.**
350 Strasburg Pike, Lancaster, PA
Phone: 717-397-5179

STARLINE
WE STOCK A FULL LINE OF STARLINE PARTS

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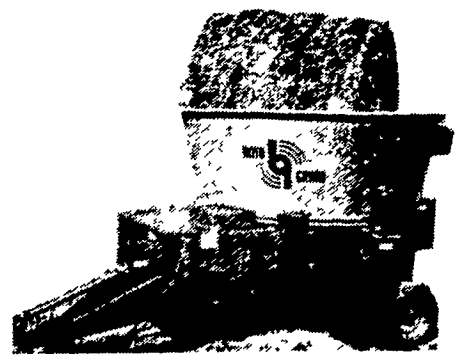
FARM EQUIPMENT | FARM EQUIPMENT

**ROTO-GRIND**



The ROTO-GRIND has been tested from coast to coast and is now designed for the HIGH MOISTURE conditions of the East.

- **VERSATILITY**
  - Grinds roughages
  - Round bales
  - Square bales
  - Shelled corns
  - Ear corn
  - Small grains
- **SIMPLICITY**
  - No gear boxes
  - No drive belts
- **DURABILITY**
  - All welded construction on frame and tub

**RED WING FARMS**
R.D. 1378, Fleetwood, Pa.
(215) 944-0791
Demonstrator Available

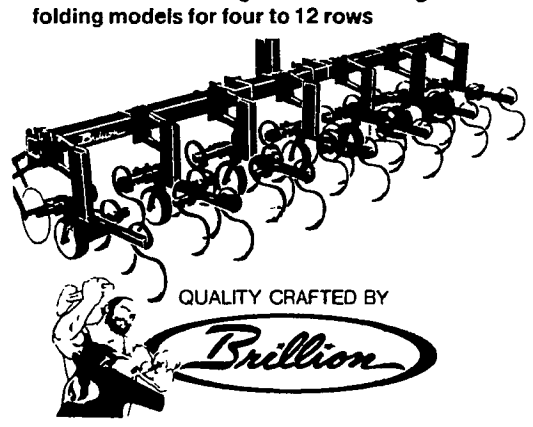
---

CFH

**NEW! RO-CROP CULTIVATOR with the Exclusive "No Wobble" Parallel Links**

One of the weaknesses of many cultivators is that the parallel linkage is light weight and bearing areas are small All too soon the assembly starts to wear and break down Brillion's NO WOBBLE links are made of cast iron (12 lbs each). Each end is equipped with full 2" wide non-lube sleeve bearings.

The Brillion "S" tine cultivator (model BRS) with four-way tooth movement is designed for high speed cultivation, especially in conjunction with chemical weed control The "S" tines also mulch the soil and level the ground for easier harvesting. Available in rigid and folding models for four to 12 rows



QUALITY CRAFTED BY Brillion

**Specials on New Brillion Equipment In Stock**

| | Reg. Price | Sale Price |
|---|---|---|
| 1 - 4 Row "S" Tine Cultivator | 1614.00 | **1475.00** |
| 3 - 6 Row "S" Tine Cultivator | 2093.00 | **1875.00** |
| 1 - 20 ft. Packer, Model TPH 20, End Transport | 3439.00 | **2975.00** |
| 1 - 23 ft. Folding Packer | 5717 00 | **4975.00** |
| 1 - 25 ft. Folding Packer | 5911 00 | **5175.00** |
| Cultivator Row Shields | 52 00 /row | **45.00 /row** |

East Main Street
Cecilton, Md. 21913
(301) 275-2195
648-5416
775-6608
Evenings & Weekends
Call Gary (301) 885-2248

---

FARM EQUIPMENT

**USED EQUIPMENT**

**TRACTORS:**
- Waiver of Finance on Used Tractors To Dec. 31, 1981

IH 1566 D., Cab & Air, 30.5x32 tires, new TA, Real Nice - $23,000!
JD 4520, 20.8x38 Radials, No Cab - $13,500
IH 706 Gas, Eng. Overhauled, New Paint - $5,950
IH 560 Gas, 400 Gas, 300 Gas
IH 656 D. Hydro
IH 350 High Utility
IH 350 Farmall
IH 544 Gas w/2000 Loader
400F Gas, 5 Hitch, PS, Nice Shape SOLD
185 Lo Boy w. Mower, Real Nice!
MF 165 Diesel
JD 1010 Gas w/Tricycle Front End
Oliver 1800 Gas, Wide Front End, over & under

**TILLAGE:**
IH 475 13'5 Disc Harrow
Bush Hog 18' Folding Disc
Pittsburg 12' Disc
Oliver 251 9' Disc, Real Nice
IH 370, 350, 37, 35 In Various Sizes
JD 12' 3-Rank Chisel
JD 1600 12-shank Chisel Plow
JD F245 H 7-Bottom on Land Plow
Int. 663 6-Row Cultivator

**PLANTERS:**
4 & 6 Row Cyclos, Field Ready!
JD FBB 17x7 Comb. Single Discs, Good Shape!
JD 494-A, DD, 4-Row Planter
IH No. 10 13x7 Plain Drill
IH No. 10 16x7 Single Disc, Comb., Hyd. Lift
IH No. 10 16x7 Single Disc, Comb.
Oliver 24x6 Combination Drill
Oliver 17x7 Combination Drill

**COMBINES:**
WAIVER TILL 9/1/81
IH 915 6-Row Head, Low Hrs.
810 15' Floating Cutting Bar
810 13' Floating Cutting Bar
IH 403 w. 4-Row Wide Head & 12 ft. Grain Platform
IH 315, 2-Row Wide Head
IH 205 2-Row Wide Head
IH 203 w/2 Row Head
IH 227 Cornhead, fits 315, 205 or 203

**HAY & FORAGE EQUIPMENT:**
JD 115 Forage Wagon
Model BN98 Badger Blower
717 NH Chopper
38 JD Chopper
550 IH Chopper
36 NH Flail Chopper
33 NH Flail Chopper
1014 Hesston Mower Cond
420T Hesston S.P.
NH 479 Haybine
MF DEO-20 3 pt. Hitch, 5 Bar Rake

18' & 21' FARM BILT HAY BALE WAGONS IN STOCK

**ERB & HENRY EQUIP., INC.**
New Berlinville, PA 19545
Ph. (215) 367-2169
Daily 7-5
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FARM EQUIPMENT

FARM EQUIPMENT

FARM EQUIPMENT

FARM EQUIPMENT

**IHC 915 COMBINE**
With Two Heads
$20,000 or best offer.

**2 WHITE 2-105**
$13,000
717-362-3132 or
717-362-9449

**AUGUST SPECIAL**
New Hesston 1090
1098 windrower
**$4900 F.O.B.**
**No Trade**

**NEW COMBINES**
M-2
N6 rotary (Demo Price)
N5 rotary
709 Uni forage harvester
**USED COMBINES**
1977 LKS w/heads
Int. 205
MF 410 ($9500) w/13' grain & 4-row corn
IH 303
Deferral on combines, New & Used
**NEW TRACTORS**
185
7020
5050 2 wheel drive
5050 4 wheel drive w/loader
5030
Deferral on New & Used Tractors
**USED TRACTORS**
JD A
IH 1206 (606)
IH 574
AC 7000 w/cab
**USED EQUIPMENT**
16' Dion forage box
JD 3800 forage harvester
JD 24T baler w/thrower
New & Used windrowers

**CALL TODAY!**
**FOB Herndon, Pa.**

MICKLEY'S GARAGE (717) 758-3915

## NEW EQUIPMENT

**TRACTORS**
JD 950
JD 2240
JD 2440
JD 4240 w/SG & QR
JD 4440 w/SG & QR

**TILLAGE EQUIPMENT**
JD 210 11' 5" Disc
JD 215 11'5" & 12'10" Discs
JD 950 12' Harrow
JD RM4 cultivator

**HAY TOOLS**
JD 1209 & 1320 Mower Cond.
JD 660, 670 Rakes
NH 474 & 489 Haybines
NH 258 Rakes
NH 256 Rakes
Thrower for 320
Matthews 9E Rotary Scythe
H & H 18' Bale Bodies

**COMBINES & HEADS**
JD 643 Head
JD 7720 Combine

**FORAGE EQUIPMENT**
JD 3940 Fg. Harvester

**OTHER EQUIPMENT**
JD 146, 148, Loaders
JD 506 Mower
JD 965, 1065 Wagons
JD 45, 78, Blades
JD 392 Spreader
JD 34, 40 450 Spreaders
NH 513, 791, 679 Spreaders
NH 14, 230, 234 Wagons
Century 300 & 500 gal. Sprayers

**3 USED COMBINES**
**AC K2 w/12' Platform**
**JD 55 w/2 Row Corn Head & 12' Platform**
**JD 3300 Diesel w/213 flex Platform & 244 Corn Head**

**ORDER YOUR SHIVVERS EQUIPMENT NOW FOR FALL GRAIN DRYING**

**USED NH 1495 HAYBINE, FULL CAB, $14,000**

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FREE FINANCING ON SOME ITEMS
**I. G. SALES**
Silverdale, PA 18962
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JOHN DEERE
Quonset Buildings

## USED EQUIPMENT

**Tractors**
1975 Allis Chalmers 185 Dsl.
1968 Oliver 1850 Dsl.
1974 Farmall 666 Dsl.

**Combines**
1977 M.F. 510 Dsl.
1974 M.F. 510 Gas
1974 Allis Chalmers K

**Plows**
I.H. #140-4B Two-Way
Oliver #565-4B Semi Mtd.
M.F. 5B - On Land Hitch

**Disc Harrows**
Ford #23 16'4" Wing Type
Oliver #252 16'4" Wing Type
Oliver #283 12' Spr. Tooth

**Grain Drill**
Oliver #76 18x7

**Planter**
J.D. #1240 4 Row

**Mower**
J.D. #68 Riding Mower

**FARM-RITE, INC.**
COHANSEY-SHILOH ROAD
SHILOH, N.J. 08353
TLEPHONE: (609) 451-1368

**JD 4400 COMBINE**
Diesel, Air Conditioned, Monitor, Straw Chopper, 4 Row Narrow Corn Head, 4 Row Wide corn Head, Very Clean. Farmer Priced.
215-252-7091

| | |
|---|---|
| 1972 622 Ford combine, 12' grain head 3 row wide corn head | $5500 |
| 1964 E Gleaner combine, 10' grain head, 2 row wide corn head | $5500 |
| 1968 G Gleaner combine, 13' grain head, 4 row wide corn head | $9500 |
| 5-16" Ford 130 semi mounted plow | $1500 |
| 1978 550 Ford TLB | $1950 |
| 1971 4500 Ford TLB | $9995 |
| 1979 AC 5040 tractor, 205 hrs. | $6800 |
| 1973 Ford 300 SOLD | $3800 |
| 871 Ford tractor & loader | $3200 |
| IHC tractor mower, plow & cult. | $1795 |
| New Ford 134 21' chisel plow Special | $6995 |
| New Ford 138 soil saver 13'9" cut | $6395 |
| New Ford 670 forage harvester & 2 heads | $10,800 |
| New Ford 152-5-18 semi mounted plow | $3895 |
| 1960 Ford 871 low speed | $3000 |

Ford Tractors Equipment
**Plotts Ford Tractor**
Rd 3, Muncy, PA 17756
717-649-5141

JOHN DEERE

**USED TRACTORS**
JD 2640
JD 2020 G w/loader
JD 1020 Diesel w/loader
JD 2010
JD B
1939 JD L w/plow and cultivators, 18.4x38 snap on dual wheels

**HAY & FORAGE EQUIPMENT**
NH 450 3 pt. Mower
JD 1209 mower cond.
NH 479 haybine
JD 24T baler w/ejector
Hesston 4500 Square Baler w/thrower
NI 603 forage box
JD 125 chuck wagon w/roof, $1295
JD 34 forage harvester, make offer
JD 38 forage harvester, make offer
JD 38 for parts
JD 3800 forage harvester
King Wise 28' elevator
JD 60H hopper blower
JD 55 blower w/pipe, $150

**CORN PICKERS**
NI 324 picker sheller, 2 row, like new $4995

**SPRAYERS**
Century 300 Gal. pull type sprayer late model

**COMBINES**
JD 45 w/10' head & 235 corn head
JD 55 w/12' head & 234 corn head, $2695
JD 55 w/13' head & 235 corn head
JD 4400 w/13' grain head & 443 corn head

**DISC HARROWS**
JD 225 10' offset wheel carry

**SPREADERS**
JD 40 PTO
AC PTO

**NEW EQUIPMENT SPECIALS**
JD 1050 33 h.p. tractor, $7895
JD 1207 mower cond., $4950
JD 1209 mower cond., $5150
JD 1320 disc mower
JD 5440 self propelled 4 whl. dr. forage harvester w/3 row head, $46,995
JD 1710A 11' mulch tiller, $6295
JD 143 loader, $1595
JD 445 flail spreader, $3725
JD 465 flail spreader, $4295
JD 410 round baler
JD 714A forage wagon
JD 8300 drills, 18x7 & 21x7
JD 27 flail shredder
JD 1508 15' rotary cutter
JD 3960 forage harvester

**WAIVER OF FINANCE AVAILABLE**
**on**
New & Used Tractors
to 3-1-82 on
New & Used Hay Eq.
including Forage Harvesters
to 1-1-82 on
New & Used Corn
Planters to 4-1-82

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John Deere Sales & Service
RD2, York, PA
17403
Phone - 717-428-1953

JOHN DEERE **Nothing runs like a Deere**

**THIS WEEK'S SPECIALS**
★ JD 5440 SP Harvester w/Heads
★ JD 1209 Mower Conditioner
**$5500**
**Waiver of finance on both till Jan. 1, 1982**

**USED FARM EQUIPMENT**
1970 4020 Power Shift
IH 986 w/Cab, Only 665 Hrs
IH 656 Hydro
731 DSI Bobcat
JD 3800 Forage Harvester
JD 5440 SP Harvester w/heads
JD 243 & 244 Corn Head for Fg Harvester
NH 880 R2 Head 4 SP
2 RW Corn Head for Hesston F8 Harvester
NH Grain Dryer
JD 3300 Combine
NI Side Rake
Hesston #10 Stack Wagon
NH 1010 Auto Bale Wagon
JD 24T Baler
JD 14T Baler
JD 24T Baler w/#30 Ejector
JD 336 Baler
NH 276 Baler, no thrower
NH 273, 271 & 269 Balers w/Throwers
OMC 9' Mower Conditioner
JD 707 4-Row Rotary Mower
JD Hay Crimper
NH 1469 SP Haybine, w/Ford Water Cooled engine
NH 469 Haybines
15 HP 3 phase elec Motor
JD 7000 Planter w/No-Till
JD 1240 Corn Planter
JD 1260 Corn Planter
JD 494A Corn Planter
JD 34 Spreader w/ Hydraulic endgate
1970 Ford 1 Ton Stake

**NEW FARM EQUIPMENT**
JD 4240 SG, Power Shift
JD 4040 Tractor
JD 2940 Tractor
JD 2940 w/MF WD
JD 2440 Tractor
JD 2240 Tractor
JD 1050 Tractor
JD 300 Husker
JD 1209 Mower Conditioner
NH 38 Flail Chopper
JD 1250, 2600 & 2700 4B Plows
JD 1600 Chisel Plow
NH 718 Fg Harvester
JD 3940 & 3960 Fg Harvester
JD 337 Balers
NH 315 & 320 Balers
Bale King Bale Boxes
JD 2420 Sp 12' Dsl Mower Conditioner
NH 1495 SP, 489 & 495 Haybines
JD 210, 215, & 235 Disc Harrows
JD 336 Lever Harrows
Bobcat Skid Steer Loaders 530, 642, & 743
NH 329, 519, 679, & 791 Spreaders
JD 392 Spin Spreaders
JD 450 Spreader
Martin Manure Spreader V Type & Scavenger
JD 335 Skid Sprayer
JD 66 Blower
JD 567 Wheel Rake
Most Model JD Loaders & Blades

**FREE FINANCE on New & Used JD Tractors Till March 1, 1982**
**FREE FINANCE On NH, JD Hay & Forage Tools Till Jan. 1, 1982**

**CLUGSTON IMPLEMENT, Inc.**
**1 Block off I-81 Exit 8**
**Chambersburg, PA 17201**
**Phone: 717-263-4103**

bobcat SPERRY NEW HOLLAND

## SUMMER SIZZLERS

**"NEW" JOHN DEERE AGRICULTURAL INVENTORY CLEARANCE**

| STOCK NO. | DESCRIPTION | REG PRICE | SUMMER SIZZLER PRICE |
|---|---|---|---|
| D 2 1500 | JD 331 24' 2" Disc | $15307 | $11695 |
| E 6 0100 | JD 750 Grinder Mixer | 10523 | 6995 |
| G 6 1500 | JD 450 Manure Spreader | 6658 | 5195 |
| F 3 1600 | JD 3R 30" Forage He SOLD | 6058 | 4245 |
| D 8 1400 | JD 2600 5-16 Plow | 7373 | 4695 |
| G 5 1300 | JD 168 Loader | 4090 | 2895 |
| E 0 1100 | JD 1610 16' Chisel Plow | 4102 | 2995 |
| D 9 0200 | JD 534 9' Bull Dozer | 3203 | 2195 |
| H 0 0300 | JD 25KV PTO Alternator | 2371 | 1595 |
| E-0 0800 | JD 1610 12' Chisel Plow | 2741 | 1695 |
| E-0 0900 | JD 1610 12' Chisel Plow | 2741 | 1695 |
| G 3 2100 | JD 155 8' Rear Blade | 2274 | 1395 |
| G-4 1100 | JD 143 Loader w/60" Bucket | 2387 | 1495 |

These prices are good only for stock numbers listed Each machine will be reduced $50 00 each week until sold

CFH

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Evenings & Weekends Call Gary (301) 885 2248

CENTURY

## Five Heavy Duty Welders in One

# 295 Amp AC 250 Amp DC Welder

IN STOCK

**Featured in *Popular Science* Magazine**
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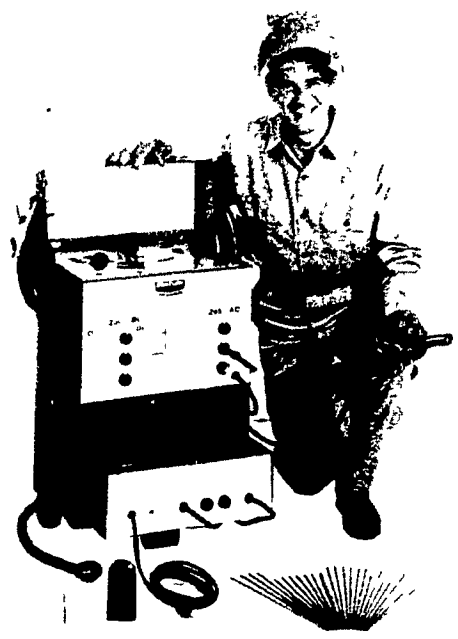


**Stock No. 110-078-000. Includes instruction book, wall receptacle, wide vision helmet, electrode cable and holder, ground cable with clamp.** (Shown with optional High Frequency Arc Stabilizer).

**1. SMOOTH AC WELDING**
Operates at energy-saving low voltage, producing a smooth, non-stick arc with the lowest priced welding rod. For general purpose work on mild steel.

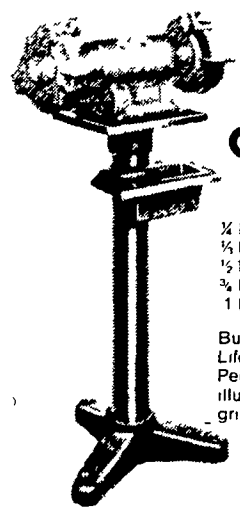
**CALL KEN BURKHART For The Time & Date Of Our Next WELDING CLINIC**

**2. FORCE-AC WELDING**
Special high voltage, produces a forceful 9000° flame with carbon arc torch attachment for heating and brazing (Eliminates need for costly acetylene welding equipment) Simplifies welding light aluminum with T I G welding attachment Speeds up fabrication of new steel with 7014 iron powder rods Runs any AC welding rod made

**3. STRAIGHT POLARITY-DC WELDING**
Makes hardsurfacing implements fast and easy for 3 to 5 times more wear This use alone can save more than the cost of the welder Lets you braze sheet metal to heavy steel using a single DC carbon and brazing rod Produces perfect welds on light stainless steel with T I G torch attachment

**4. CUTTING TAP**
Performs like a 400 amp welder for the cleanest cutting of any type metal (Cuts at less than 1/10th of the cost of acetylene equipment) Saves you money by not overheating the welding rod and allowing you to use full length for cutting Drills holes in heavy metal or hard-to reach spots Powerful enough to blow (gouge) a groove in heavy metal while still on equipment which eliminates removing parts to bevel with a grinder

**5. REVERSE POLARITY-DC WELDING**
With built-in pressure to hold weld in place Even beginners can now weld overhead and vertical as easy as flat Runs the low hydrogen rods easily for the strongest welds on tubular high carbon steels used in today's equipment Makes stronger, better welds on expensive cast iron parts Lets you arc or rivet weld sheet metal to repair broken spot welds or patch worn sheet metal from one side Runs flux coated arc aluminum rod for repair of heavy aluminum



## heavy-duty Milwaukee BENCH GRINDERS

5 Models
¼ HP—6' x ⅝' WHEEL
½ HP—6" x ¾ WHEEL
½ HP—7" x 1" WHEEL
¾ HP—8' x 1 WHEEL
1 HP—10 x 1 WHEEL

Built for continuous operation Lifetime lubricated ball bearings Pedestals plastic glass or illuminated eye shields various grinding and cloth buffing wheels plus Knot-wire brushes available

SEE US FOR DETAILS AND FREE MILWAUKEE ELECTRIC TOOL CATALOG

Milwaukee Amstar

## USED OLIVER TRACTOR PARTS

**NOTE: We Have A Good Selection Of Used Oliver Tractor Parts For The Following Models: 55, 66, 77, 88, 1600 Call and Check With Paul Weaver We Will Ship UPS**

- 1 - 155-897A Reconditioned Crankshaft with NEW Bearings, .010 Rods - 020 Mains, Fits - 1655D 1750G, 1755G, 1800G
- 1 - K-119D Reconditioned Crankshaft with NEW Bearings, .010 Rods - .010 Mains, Fits - Super 88 & 880 Gas or Diesel
- 1 - 30-307-8663 Reconditioned Crankshaft with New Bearings, .010 Rods - .020 Mains, Fits - 1750D, 1755D, 1800D, 1850G, 1855 G&D, 1950, 1955
- 1 - 166-425A Reconditioned Engine Block, Fits 1655D
- 1 - Wide Front End - Rebuilt, Fits - 1550 - 1955
- 1 - Rebuilt 55 Gas Engine, Complete
- 1 - 770 Gas Engine, 1100 Hours, Complete

## RECONDITIONED USED ROTARY MOWERS

Lawn-Boy Rotary Mower, 7257
19" Push . . . . . $75.00
Bolens Rotary Mower, 8545, 4 HP
22" Self Propelled, Electric Start, Mulching Mower . . . . . $175.00
Queen Turf Rotary Mower 125-350-073
4 HP, 22" Self Propelled, Rear Bagger . . . . . $175.00
Lawn-Boy Rotary Mower, 7268,
21" Push, Side Discharge . . . $195.00
Bolens Rotary Mower, 8554, 5 HP
22" Self Propelled, Mulching Mower. $200.00
Jacobsen Rotary Mower, 42171, 4 HP,
21" Self Propelled, Side Bagger . . . $200.00
Bolens Rotary Mower, 8644, 4 HP,
22" Self Propelled, Mulching Mower. $225.00
White Rotary Mower, 990-142, 4 HP,
22" Self-Propelled, Rear Bagger . . . $325.00

## USED GRAIN TRUCKS

### 1958 CHEVY
21,000 GVW, V8, 4+2, 69,000 miles w/14 ft. Midwest Grain Dump Body.

### 1972 INTERNATIONAL FLEETSTAR 2000
32,000 GVW, 5+2, 230 Cummins, with new Omaha Standard 18 ft. grain dump

### 1974 FORD F750
27,000 GVW, air brakes, 391 V-8, 5+2, 10.00x20 tires, 27,000 miles with new Omaha Standard 16 ft. grain dump

### 1974 DODGE D500
18,500 GVW, V8, 5 Speed, 6 New 9.00x20 Tires. Truck has been reconditioned by us and is ready to go to work, with New Omaha Standard 12 ft. Grain Body, Steel Floor, 40" Steel Sides, 26" Cattle Fold Down Racks, Omaha 51DA Single Cylinder 10 Ton Hoist, New 30 gal. Aux fuel tank, New 24" Tool Box $8500.00

### 1979 FORD F250
7900 GVW, 400 V8, 4 Speed, 9 50x16 5 Tires, 13,000 Miles, With New Omaha Standard 9 ft. Grain Body, Wood Floor, 40" Steel Sides, 26" Cattle Fold Down Racks, Omaha 41DA Single Cylinder 4 Ton Hoist $8250.00

★ Other Used Grain Trucks In Stock

## RAINBOW TARPS

22 OZ. RED FARM BODY COVERS w/12" Drop & Fitted Front

| | |
|---|---|
| 14 ft. Farm Body Cover | $195.00 |
| 16 ft. Farm Body Cover | 215.00 |
| 18 ft. Farm Body Cover | 240.00 |
| 20 ft. Farm Body Cover | 265.00 |
| 22 ft. Farm Body Cover | 325.00 |

SPECIAL 10% CASH DISCOUNT OFF ABOVE PRICE Till AUGUST 31, 1981 On all Rainbow Farm Body Covers

## USED 16 FT. MIDWEST GRAIN BODY

With 40" Steel Sides, 12" Extensions, Fold Down Cattle Racks, Fertilizer Auger, 2 Cylinder 15 Ton Hoist With Pump

$2800.00 Complete

## New Hewey 15 Ft. ALUMINUM GRAIN BODY

With 48" Sides, Double Acting Tailgate (installation extra) $3650.00

## SPECIAL FOX®

New & Used REPLACEMENT PARTS
10% CASH DISCOUNT
On All Fox Parts In Stock
Now Till August 15, 1981

## BUSH HOG®

ROTARY CUTTERS IN STOCK

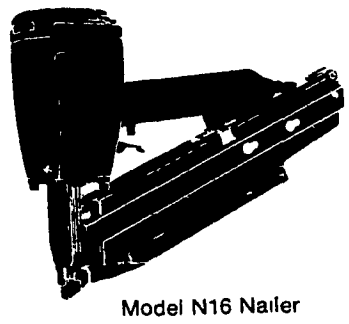
| | |
|---|---|
| 5 ft. RB60R 3 pt. w/ Round Blade Holder | $750.00 |
| 5 ft. 600R 3 pt. w/Round Blade Holder & Slip Clutch | $1250.00 |
| 6 ft. 206R 3 pt. w/Round Blade Holder | $1250.00 |

★ We Stock Bush-Hog Replacement Blades For Rotary Cutters

## THIS IS BOSTITCH

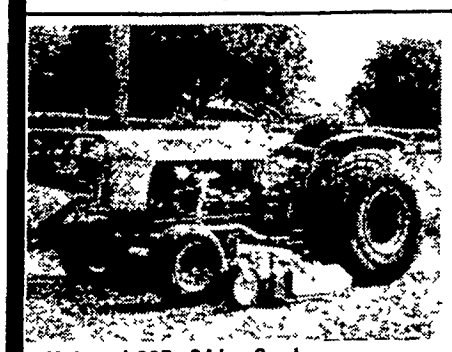
Save Time and Labor, Rent a BOSTITCH AIR TOOL

Model N16 FRAMING NAILER
Rent For $16 per day



Model N16 Nailer

HERE'S A MULTI-PURPOSE TOOL FOR USE WHEREVER YOU NOW USE HANDDRIVEN 8D, 10D, 12D or 16D NAILS. THE MODEL N16 IS A BASIC FRAMING TOOL USING 16D NAILS.



Kubota L225 - 24 hp. 2 wd, Turf Tires, 1225 Hours, with New Woods 72" Undermount Rotary Mower $5000

# FARMERSVILLE EQUIPMENT INC.

WHITE - BRILLION - BUSH HOG - FOX - VICON - KUBOTA - BOLENS - HOMELITE - ECHO - HARSH - OMAHA STANDARD

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Located in the Village of Farmersville, Lancaster County
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Hours Mon., Tues, Wed & Fri 7:30 A M to 5 30 P M
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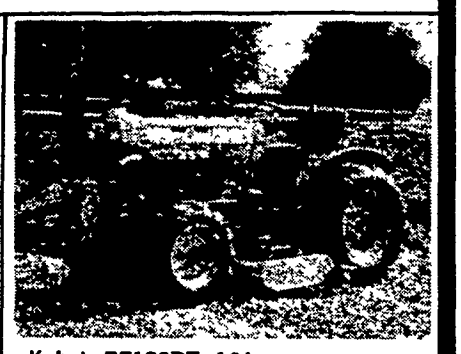
VISA



Kubota B7100DT - 16 hp., 4 wd, Ag tires, 325 Hours, with Woods 48" Undermount Rotary Mower $4800

FARM EQUIPMENT

**Fox self-propelled 6244, 3 yrs. old**

**3 MF 114 self unloading wagons w/ tandem axles, 1 yr. old**

**717-898-2568**

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- New & Used Vent-o-Matic fans
- 4 120' Choretime feeders
- Feed bin w/fill system
- Floor and fans for 30' grain bin
- 16' truck bed and hoist
- Mark 3 water fountains
- Glencoe chisel plow
- Myers 3 pt. sprayer
- 30 cast iron radiators
- Keyless dial-lock doors
- Massey Harris 7 row soybean planter
- Large National boiler
- Schutte hammermill

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FARM EQUIPMENT

**Used Tractors:**

John Deere 4520, 4430, 4320, 4030, 1520, 2030 w/loader, 2510, Large Selection of 4010's, 3020, 3010, 60 with 3 point hitch. Farmall 1066, 966 with cab, 806, 826, 460, 450, M, H. Allis Chalmers 210, Ford 8N & 9N. MF 180, 175.

**Used Combines**

John Deere 7700 diesel, 4400 gas Rotary screen, Massey Ferguson 300 with Quick Tach heads (sharp) 2, 3, 4, 6, & 8 row John Deere corn heads, 6 row IH head to fit 815 or 915.

**Used Trucks:**

1974 Chevy w/new 16' grain body & hoist, 427 engine, 5 spd. trans., 2 spd. rear. 1971 International 1800 with new 14' Body & hoist.

**Used Plows & Disks:**

1450 John Deere 7 Bottom. Large selection of John Deere 5, 6, & 7 Bottom. Athens 21' Hyd. Fold disk. IH 470 18' Disk. Large selection of smaller John Deere disks.

John Deere 950 15' Mulcher also 12' 950 mulcher. Brillion 18' spring tooth on rubber. Used year around cab for IH 766-1566. Large selection of Fox choppers & head. Good supply of Fox Parts. Fox 3RN corn head, NI 3RN head for chopper. New Fox flail attachment. New Gehl, Fox & Badger Equip. Gehl 95 mill. John Deere 1240 Plate & Plateless corn planters. Over stocked on lids for Hawk spreaders, exc. cond. JD model 2500 6 btm. 18" auto. reset plow. GSI grain bins and augers.

**D & R EQUIPMENT INC.**
Ringoes, New Jersey
(201) 782-5082

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FARM EQUIPMENT

**Windbrook Farms**
**White Post, VA 22663**
**703-837-1484 or 837-2456**

**EXCESS EQUIPMENT FOR SALE**

| | |
|---|---|
| JD 730 diesel, elec. start, sharp | $4950 |
| JD 325 3 btm. hyd. reset plow | $1250 |
| JD AW 12' disc, new blade | $1125 |
| AC 110 10' disc | $550 |
| Kovar 12' 3 pt. spring tooth harrow | $475 |
| JD 4 RN front mtd. cult. for 2 cyl | $175 |
| IH cyclo 4 row planter, no-till insect., herb., dry fert. and monitor | $1825 |
| Woods 15' bat wing | $1250 |
| NH 1010 auto. bale wagon | $2750 |
| JD 50 side mtd. mower | $450 |
| NI hay conditioner | $150 |
| Cunningham hay cond. | $150 |
| 18.4x34 new 8 ply tire mtd. on JD rim | $425 |

---

FARM EQUIPMENT

**NEW FARM EQUIPMENT BARGAIN PRICES**

| | LIST PRICE | SALE PRICE |
|---|---|---|
| 135 Gehl Mix-All Feed Mill | $9767 | $8400 |
| BU-940 Gehl 6x16 3 Beater Roof 10 Ton Gear 12.5x15 8 Ply Tires | 7055 | 6100 |
| FB-99 Gehl Blower HD PTO | 2750 | 2360 |
| 12' Single Cult-packer | 1450 | 1095 |
| 402 NI Rake RT | 2303 | 2050 |
| 404 NI Wheel Rake | 1500 | 1000 |
| 106 NI Fertilizer Spreader | 675 | 575 |
| 323 NI 1 Row Picker | 6550 | 4950 |
| 323 NI 1 Row Picker Used 15 Acres | | 3995 |
| 272 NI Cut-ditioner 7' | 4855 | 3995 |
| 279 NI Cut-ditioner 9' | 5695 | 4895 |
| 213S NI Manure Spreader | 3884 | 3300 |
| 214S NI Manure Spreader | 4454 | 3895 |
| 72" Woods Cadet Rotary Mower Pull | 1725 | 1395 |
| 60" Dixie 3 Pt. Rotary Mower Caster Wheel | 880 | 750 |

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case

# Make Silo Filling A Breeze With A NEW CASE MODEL 2290 DIESEL TRACTOR

SAVE WITH CASE!

**129 H.P. Class With The Massive Fuel Miser 504 Cubic Inch Turbo Engine.**

**★ IN STOCK AT OLD PRICE ★**

SALE SAVE CA$H CA$E

## Here are plenty of reasons to buy a new Case tractor

New roll protective cab fully pressurized against dust. Heavily insulated rubber mounted.
New straight-ahead visibility with sloping, tapered hood which has no vision obstructions.
New narrow rear posts, wide windows 4 sq. ft. (0.38 m²) of tempered glass for better view of implement operation.
New front corner windows extend closer to cutting line for better visibility of narrow rows.
New longer clearance allows 60" tread setting for 30" rows with 18.4 x 38 tires.
Husky rear axles
Wide tire selection
Case 8 speed synchro-mesh
Power Diff Lock is standard
Case 12 speed transmission
New rear fenders and hood and grille with optional grille screen
Front wheel tread adjusts to 88 inches (2 245 mm) or 120 inches (3 050 mm) increments. Row crop clearance with standard tires is 21" (533 mm)
104" (2 642 mm) wheelbase for 14 miles of tight turning (1 168 mm with brakes)

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★ You Can Put Your Trust In Binkley & Hurst Bros.
★ We Sell The Best And Service The Rest

**WE NEED TRADE-INS!**

# SEE US NOW FOR EXPERIENCED SERVICE PERSONNEL IN MODERN SHOP FACILITIES

We Service IH And Many Other Makes. Also, We Have Loaner Tractors Available While Yours Is Being Worked On.

## NOTICE . . . ALL THESE TRACTORS HAVE INTEREST FREE FINANCING, NO PAYMENTS TILL JAN. 1, 1982

**ALLIS CHALMERS 7050 DIESEL TRACTOR**

Cab, Air, Heater, Power Director Trans., 20.8x38 Rear Tires
**$15,900**

Moline Model U302, Wide Front, P S., Hi/Lo Shift, w/Loader, fair condition . . . . $2,900

Case 2870, 300 H.P., 4 wheel drive, w/dual wheels, on the go power shift, 4 Hydraulic remotes, 3 point hookup, P.T.O., West coast mirrors, less than 600 hours, call for a good price

Owatonna Model 1000 Skid Loader, good rubber, large 60" bucket and manure fork . . . . . $3,800

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Case 1370, Diesel, 155 HP, power shift trans

Owatonna Model 1700 Perkins diesel Skid Loader, 45 HP . . . . . only $6,800

Case David Brown, Model 1200, select-o-matic Diesel, reconditioned and field ready, power adjust rear wheels, 18.4x30 tires, nice condition. . . . . $6,200

Late model Case David Brown 990 Diesel, 53 HP rating, completely reconditioned $6,900

Oliver Model 1650 gas, excellent condition, wide front . . . . . $5,000

Case 2290 Diesel, 128 HP Frame, roll protective, 8 speed synchro mesh, 11.00-16 ft. tires, 18.8-38 rear tires, 2 remotes, 540-1000 RPM, vinyl seat, ether start, like new with only 44 hours, approximately 10 month drive line warranty left . . . . . $22,500

Case 870 Diesel, Power Shift Tractor 1845 original hours, 540-1000 PTO, approx. 85 H.P., 18.4x34 rear tires, 11Lx15 front tires Only $8,750

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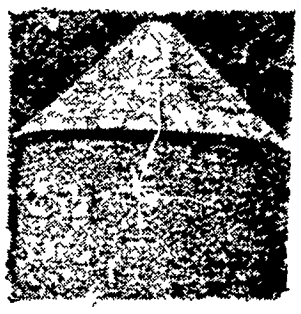
MF 1135, approx. 400 hours since over-haul, cab, heater, nice condition

Case 1070 Diesel Tractor, cab, heater, power shift, new 20.8x38 rear tires, front end wgts., approx. 890 hours, original. . . . . $15,800

Case 530 gas, Draft-o-Matic 3 pt Hitch, P S , wide front, triple range drive, good rubber

**Just Arrived. . . Case 1030 Diesel Tractor, Needs Minor Repair — Buy As Is And Save! This Is A 100 HP Class Tractor.**

## BEHLEN CORN CRIBS



Model EXL 115
1515 Bushel
Plus extra area in Roof

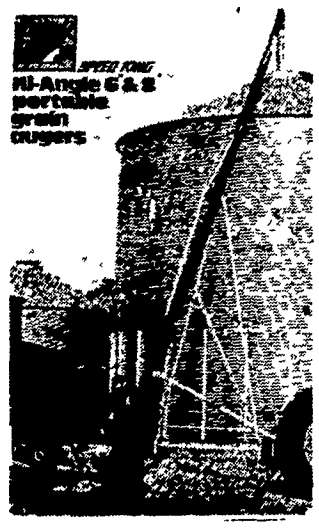
**CALL US FOR OLD PRICE INVENTORY WHILE THEY LAST**

## NOTICE!

**WE STOCK GEHL AND CASE PARTS**

**We Ship Anywhere By UPS To Your Door**

## SPEED KING AUGER TRANSPORTS WITH FLEXI-BOOT HOPPER



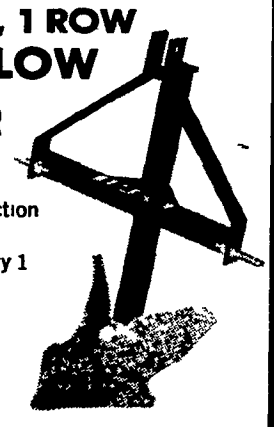

**INVENTORY CLEARANCE ON WEATHERED UNITS PLUS A SPECIAL DISCOUNT IF YOU TOW AWAY FROM OUR LOT.**

**Call For The Best Deal Ever**

6"x27" PTO, 3' down spout
8"x34' Electric, 3' down spout
8"x53' PTO, 3' down spout
8"x60' PTO, 5' down spout
10"x51' PTO, 3' down spout
10"x61' PTO

## They Do Work!

## The 3 PT. HITCH, 1 ROW POTATO PLOW



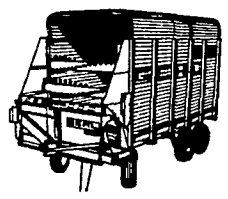
**HEAVY ANGLE TOW BAR**
**Features:**

- FRAME - Welded Construction
- SHANK - 1" x 4"
- HITCH - Standard Category 1
- BUSHER SHAPE

Our Low Price
**$97.85**

GEHL FARM EQUIPMENT

**FORAGE BOXES IN STOCK**
The Smooth Unloader

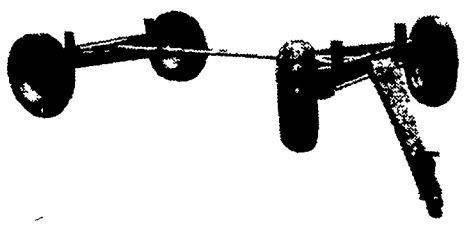


- Also Used Boxes In Stock

## JULY WAGON SPECIAL!

## NEW 8—TON FARM WAGON

Place Your Order Now And Save...



Quality Built In With Following Features: Standard Type Hitch Tongue, Standard Length Coupling Pole, 8" wide x 15" diam. 6-lug wheels, Exclusive Accu-Trak Trailing with Greasable Ball Joints. This Wagon Has Much More Quality Than A Discount House Wagon Will Offer...

Reg. Price $644.40

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- Plus A Good Inventory of Used Units

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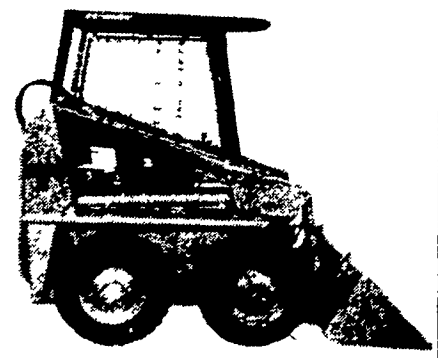
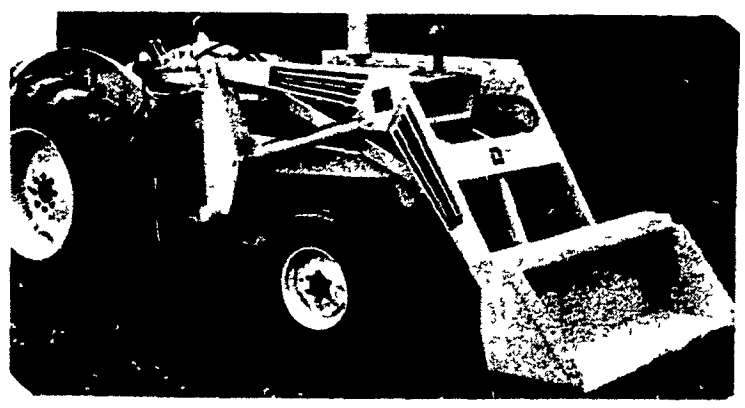
**By Specializing, We Sell Over 40 Units Per Year. You, Too, Can Be One Of Our Satisfied Customers!**





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- Two rugged loaders fit 90% of all tractors made in the last 20 years.
- Pickup this loader and mount on your tractor and save.

**FROM THE ORIGINATOR OF THE QUICK-ON, QUICK OFF LOADER.**

In Stock. . . The All New
**MODEL 8440 MORIDGE HI-CAPACITY**
## GRAIN DRYER

- ★ Buy at a good savings NOW!
- ★ 405 Bushel
- ★ Call us for the outstanding characteristics and specifications on this dryer.

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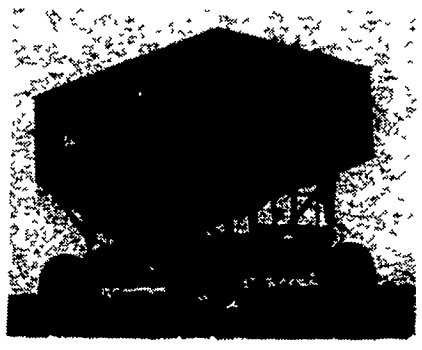


STANDARD GRAVITY BINS, F.O.B. our lot.

- Auger Attachments, Side Boards and Hydraulic Augers available.

**THREE SIZES IN STOCK**

## NEW FROM IMCO...

## 3 PT. HITCH, 5 FOOT ROTARY CUTTER

50 HP Gear Box, 10 Gauge, 7" Deck Height, Full Length Runners, Dish Pan with 2 Swinging Suction Type Cutting Blades, Tail Wheel.

**IN STOCK!**

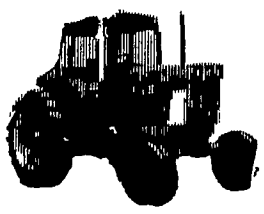
**You Pickup For Only $520**

Like New
Roper 14 H.P.
**RIDING MOWER**
With 42" mower and also 32" width snow blower
**$1,460**

We also can provide parts and service for this unit

**JOHN DEERE MODEL 1207 7 FT. HAYBINE**
With Equalizer Hitch **$1475**

FARM EQUIPMENT



**NEW EQUIPMENT**
IH 770 disc demo, 10' $4500
IH 435 $69[illegible] SOLD '/thrower

**USED EQUIPMENT**
AC gleaner combine model CII 14' grain & 4 row corn head $8500
IH 815 combine, completely reconditioned $21,000
IH 574 diesel utility, low hrs $7300
IH 544 gas hydro, new engine $6300
Farmall M $1250
NH 469 haybine $2400
IH 400 cyclo planter
Oliver 5F 16" plow $1150
NI 319 picker/sheller bed $3500
IH 234 corn picker, $2100
IH 843 corn head, like new $6700
NI manure spreader $750
72" Woods under mount mower $500
2- IH 990 mower conditioner, $1975
IH 234 sheller attachment $1325
IH 1150 grinder mixer
425 Artsway grinder mixer $2200
IH 2000 loader
JD flail chopper $600.
Roof fe[illegible] SOLD orage box $260
IH 550 forage harvester hay & corn head
Gehl SOLD wagon w/roof $2200
IH 540 furrow plow, $1100

**DOMBACH EQUIPMENT**
McAlisterville, Pa.
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FARM EQUIPMENT

FARM EQUIPMENT

705D & 708 NI Uni-harvester
731 W 4-row corn head
744 N 4-row corn head
740 feeder house
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HI-WAY Cinder Spreaders - All Types
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IH TD-24 cable dozer $2000
AC 918 loader backhoe excellent condition $9250
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1969 AC 918 Loader Backhoe excellent condition $9250

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Oliver Super 77 . . . . . $900
Satoh Beaver 15 hp diesel w/54" mower, 1 yr. old . . . . . $4200
JD 730 diesel, tricycle . . . . . Coming in
Kubota 12 hp. diesel w/mower & snow blower . . . . . $2700
JD 630, tricycle . . . coming in

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MF 4x16 3 pt. Plow . . . . $500
JD 310 disc, 12' . . . . . $4600
Bush Hog 10' Chisel Plow . . . . . $1000
White Off-set disc, 11' . . . $4600

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NI 290 mower-conditioner $1800

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IH 6 Row 400 Cyclo w/Mower . $2300
AC 500 4 row . . . . $800
2 Oliver 540 4 row . . . $600 ea.
JD 1250 6 row plateless w/monitor. . . . $1900
IH Cyclo 4 row no-till . $2500
JD 1240 plateless . $1200

### COMBINING:
JD 95 Cab - 4xN - Grain ~~$10,900~~ SPECIAL! $ 9,500
JD 237 MTD Picker . . $1400
JD 42 pull type . . . $1400
JD 40 . . . . . $2900
Oliver 525 self propelled, w/11' grain & 2 row wide . . $6500
JD 6600 side hill w/15' platform . . coming in
JD 643 corn head coming in

### FORAGE:
NH 890 w/2XN - Pick Up Controls . . . $6400
IH 650 w/2XW - Pick Up . $1500
IH 555 w/2XW - Pickup $1400
JD 3800 Long Tongue for Parts . $1100
Lamco Wagon . . . . $800
JD 716 Forage Wagon, Loaded w/12 ton Chassis $5000

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WHITE Farm Equipment
bobcat® KUBOTA
SPERRY NEW HOLLAND

## USED EQUIPMENT

**TRACTORS**
Oliver 1850
Farmall M

**TILLAGE - PLANTING**
White 543 No Til
White 5400 Planter
MM 4-16 HAR Semi Mtd Plow

**HAYTOOLS**
NH 68 Baler
NH 275 Baler
NH 1469 Self Propelled Haybine
NH 30 Ft. Elevator
Oliver 620 Baler w/Thrower

**FORAGE TOOLS**
NH 880 R2-2-Row Head
NH 707 Harvester w/1-Row
NH Super 717 w/1-Row
NH 717 Harvester w/1-Row

**CORN PICKERS & COMBINES**
JD 227 Picker
IH 91 Combine with 10' Head

**SPREADERS**
NH 518 Spreader
JD 54 Spreader
Starline 180 Tank

## NEW EQUIPMENT IN STOCK

WHITE
2-30 Two Wheel Drive
2-30 Four Wheel Drive
2-45 2&4 Wheel Drive
2-62 Tractor
2-105 Tractor
2-135 Tractor
WHITE
543 6R Planter No Till
5100 4R No Till
5100 6R No Till
WHITE 254 10'4" disc
WHITE 256 12'6" disc
WHITE 458 Chisel Plow
WHITE 466 Chisel Plow
N H L425 Loader
N.H 310, 315 Balers
N H 256 - 258 Rakes
N H 707, 718, 782, 892 Harvesters
N H Spreaders - 513, 519, 679 & 800
Vicon 3 pt Fert Spreader
Bobcat 530, 641 & 743
Tye No Till Drill
Glenco 7' Soil Saver

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**NORMAN D. CLARK & SON**
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DISTRIBUTOR OF CENTRAL TRACTOR PARTS CO.

## TORQUE AMPLIFIER, CLUTCH & TRANSMISSION PARTS & SERVICE

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We are distributing over a 10 state area for a company which handles renewed clutch discs and pressure plates for all the major lines of farm tractors and rebuilt TA units and TA parts for IH tractors We have no minimum on quantity and our prices are very competitive For dealer price list or more info please write or call

Rebuilt TA assemblies in stock for IH tractors, New and Rebuilt, Water Pumps Dynalife clutches, pressure plates, and PTO drive shafts (are spline fitted into pressure plate, IN STOCK for tractors A B C through 1586 also for most models of IH combines

Complete TA assemblies for 706 1586 are priced at $550 and come with a Dana Co Heavy Duty Sprag instead of the usual IH sprag **The Dana sprag is guaranteed for 2 yrs. against failure.** Sprag kits (includes sprag gear, Dana sprag & piston carrier) and all items for rebuilding your own TA assembly are available to qualified persons Ramps and carriers for older style TA's (as in SMTA 340-560) are priced at $150 each and carry a 90 day guarantee We have parts needed for TA repair in stock at prices which will save you money Shop is available for complete TA installation or split the tractor and yourself and send the center housing to us **Complete rebuilt center housings available on exchange basis or for installation in tractors which did not have TA from factory**

Parts Locating Service Available
Please have part no when calling if possible

Selling parts from the following
Tractors IH W6, 340 350 460 400 450 560 660 806 1066 w/good hydro Pony motor for JD 720
Combines IH 203 JD 30 and 40 MF 35 Uni 701 705 710 Also Hesston self propelled 600 haybine

**Parts shipped direct thru UPS & Parcel Post at No Extra Charge To Retail Customers**

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(2) AC 7040
(2) AC 7000
MF 165
JD 2520
Ford 4500 Loader
MF 165 w/Loader
Oliver Fiat 4 Wheel Drive
JD 630

**BALERS**
NH 850 Round
NH 275 w/thrower
NH 273 w/thrower
NH 269 w/motor
NH 268 w/thrower
NH 68
IHC 430

**SKID LOADERS**
NH L35
SOLD 0 Gas Crawler
NH 775 Gas
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Annual Fall Auction
New & Used Farm Equipment
Friday, Sept. 4 10:00 A.M.
Watch for Tentative Sale List
In Next Week's Issue

**COMBINES**
NH 995 w/15' Platform
AC G w/4RW and 13' Platform
AC MKS w/13' Platform & 6RN
MF 410 w/13' Platform
MF 510 w/13' Platform & 4R Wide
AC AII w/2R Head, wide, 10' Platform
AC 3-30 Corn Head

**FORAGE HARVESTERS**
NH 1895 w/4R Head
NH 1890 low hours
Fox 3310 w/3RN windrow Pickup, Exc. cond.
NH 892 3 row Wide

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NH 362 Tank
NH 365 Tank
NH 368 Tank

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NH 1469 w/Ford engine
NH 495
NH 479
(2) NH 1495 Self Propelled
NI 279
IHC 225 Self Propelled
NH 477 Haybine

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AC 333
AC 600 6R
AC 600 4R w/liq. fert.
AC 600 4R w/dry fert.
AC 10 Row no till Soybean
White 6 Row
IHC Cyclo

**MISCELLANEOUS**
Howard Rotovator
Eager Beaver 6 ton Trailer
MC 9E Rotary Scythe
(2) Vicon Disc Mower
IHC Rake
NI Rake
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NH 258 Rake

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FARM EQUIPMENT

1 - 2250 New Fox forage harvester, hyd. elbow and one row corn head $4500
1 - 2310 New Fox forage harvester with two row corn head $5250.00
1 - 249 used Fox snapper head $1500.00

Ask for Richard Martin
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FARM EQUIPMENT

Aluminum Irrigation pipe, 4000 ft. 7" x 30' sections, 300 ft. 4" x 30' sections.

1 Myers Air Blast Sprayer, 500 gal. tank. Remote control. Sprays out both sides. Needs new block. Make offer.

**Robert C. Snyder Farms**
R.D. #2, Northumberland, Pa.
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- **Van Dale Products**
  - Silo Unloaders 10' - 30' New & Rebuilt
  - Bunk Feeders - Belt, Auger and Shaker
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- **T.M.R. Van Dale Mixer-Feeders - 4 Auger**
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  - Trailer Mounts
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  - 1500 Gal. to 4500 Gal.
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- **Liquid Manure Pumps**
  - Agitator-Filler
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- **Red Top Stainless Steel Trough Cattle Waterers**
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- **Sollenberger Poured Concrete Silos Top or Bottom Unloading**
- **Double Chain Wood Conveyors w/Slip Clutch & ¾" Bottom**
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Vicon hay rakes
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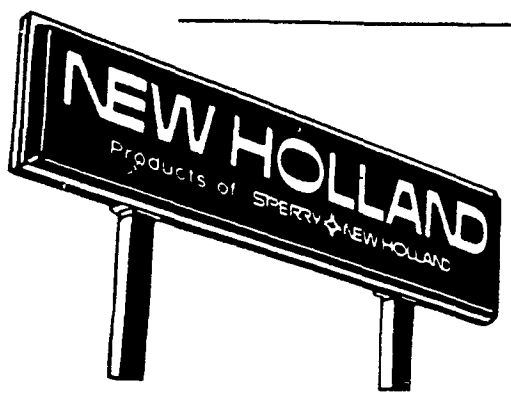
New Mc. knotter parts and repair
Baler & Binder Twine
Tobacco Sucker Spray

# YOUR HARVESTING HEADQUARTERS

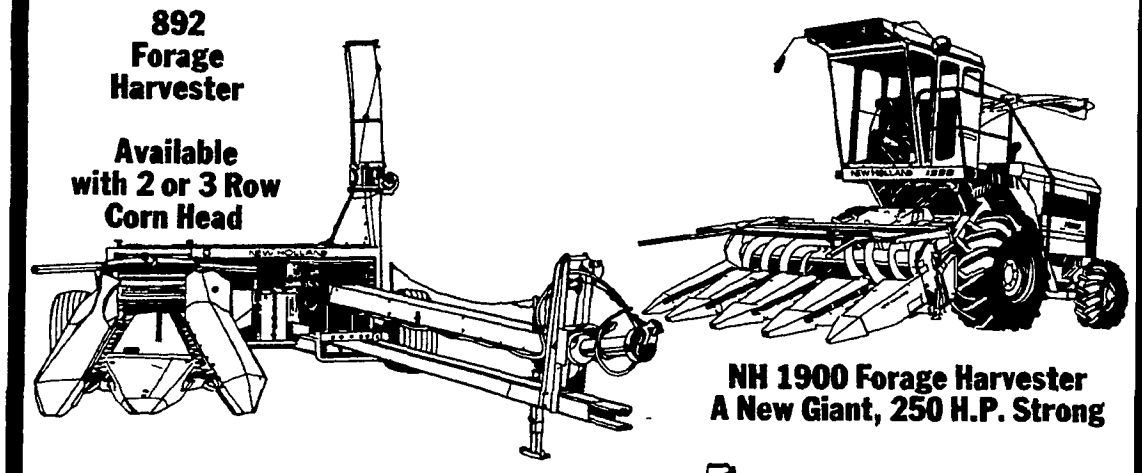



***You asked for it... You got it!***

## A SUPER GROUP OF HARVESTERS

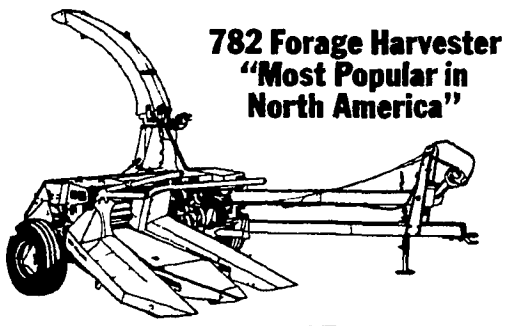
**892 Forage Harvester**

**Available with 2 or 3 Row Corn Head**

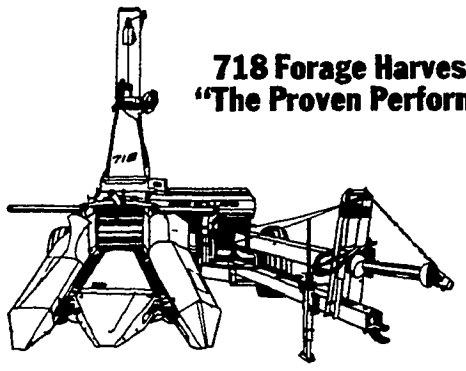


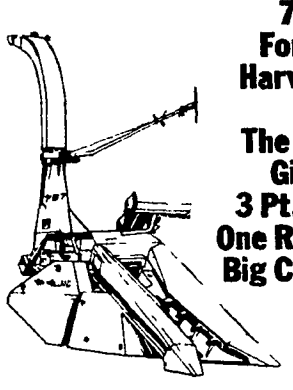
**NH 1900 Forage Harvester**
**A New Giant, 250 H.P. Strong**

**782 Forage Harvester**
**"Most Popular in North America"**



**718 Forage Harvester**
**"The Proven Performer"**



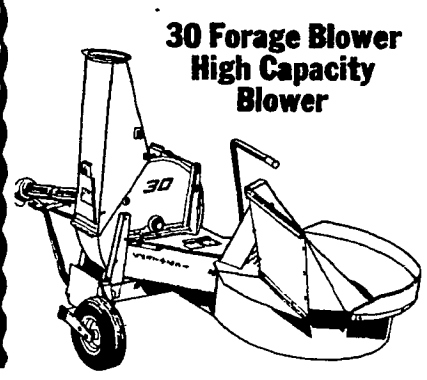


**707 Forage Harvester**

**The Little Giant 3 Pt. Hitch One Row with Big Capacity**

**CHECK OUT THESE EXCLUSIVE FEATURES:**
- Metal Detector
- Flip-Up Feed Rolls
- Under Bevel Knives (Never Requires Rebeveling)
- Uniform Cut

**30 Forage Blower**
**High Capacity Blower**



***WAIVER of FINANCE till JAN. 1, 1982 ON NEW & USED HAY & FORAGE EQUIPMENT***

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Ford 3600 Tractor w/Cab, 80 Hours, New Cond
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Oliver 77 Tractor
NH 519 Spreader
NH 510 Spreader
NH 362 Tank Spreader
NH Super 717 Harv
NH 707 Forage Harv 3 Pt Hitch
IH 650 Harv
IH 844 Corn Head, 4 Row, Ex Cond
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Twin Rower to Pull 2 Rakes
IH 37 Baler w/Thwr
NH 275 Baler
NI Rake
IH 15 Hay Rake
NH 489 Haybine, Ex
NH Model 495 Haybine
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NH 276 Baler
JD Model 8250 18 Disk Combination Grain Drill
IH 400, 4 Row, Excellent
1200 Gal Aluminum Sprayer Tank
J.D 494A, 4 Row Planter
J D. 494A, 4 Row Planter
JD 12 Ft Cult.-Mulcher
IH 1190 Mower Conditioner
JD 1209 Mower Conditioner
IH 7 ft Sickle Bar Mower, Good Condition
Oliver 3 Bottom Plow
IH 531 Plow
Athens 13 Disc Harrow, Excell Cond
Ford 8' 3 pt Disk Harrow
Brillion Transport Spring Harrow
NH #7 Forage Box

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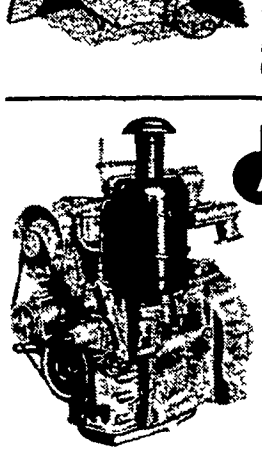
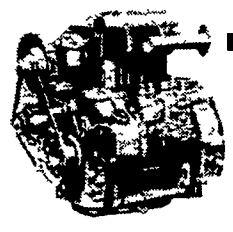
**IF SPACE IS A PROBLEM...**
In your milking parlor, the Model "OH" can be ordered for bulkheading A wall support channel and insulation for placing between the cooler and the channel will be provided at a nominal charge



MWM murphy DIESELS

**DIESEL ENGINES**

**Two Cylinder Model D 302-2 14 to 32 HP**



**D 327 Series**
**Two Cylinder Model D327-2 20 to 36.5 HP Max.**

**USED TANKS**
- 650 Gallon Dari-Kool
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FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT

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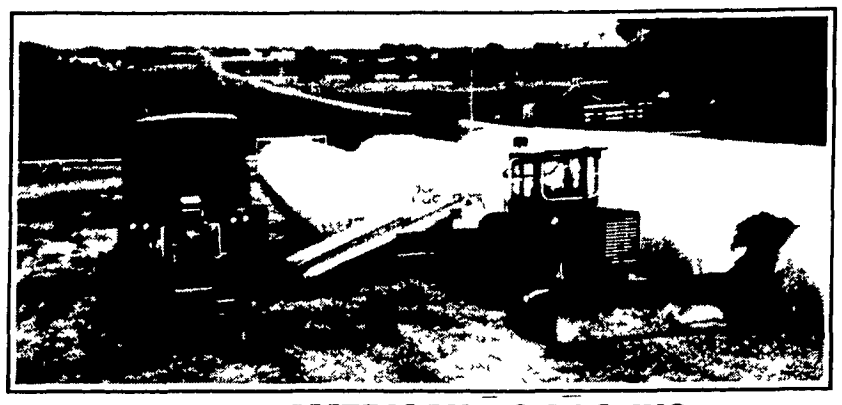

AG-BAG CORPORATION

## AMERICAN AG-BAG INC.

**FORAGE SYSTEMS**

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***Exclusive Dealer For Pennsylvania, New Jersey, Maryland, Delaware, Virginia, West Virginia*** **Note: We Need Part Time & Full Time Salesmen for These Areas**

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The Revolutionary AG-BAG System gives you unlimited sealed storage capacity for...
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**PARTS VALUE OF THE MONTH**

**Save 20% On IH Lubricants Lubrication Days Sale**

Here's a great opportunity to protect your pocketbook, while your protect your engines, hydraulics, and power trains. We've bought big quantities of high-quality lubricants and we're passing the savings on to you.

**Save 20% off regular IH suggested list prices on these specially formulated products in 5-qt., 5-gal., and 55-gal. quantities:**
- **IH No 1®** Engine Oil — for high performance high-temperature 4 cycle diesel engines
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- **International® Hy-Tran® hydraulic-transmission fluid** — best on the market for lasting protection
- **IH Gear Lube** — first choice for use in extreme pressure and shock load conditions

**Stock up for the year...and save!**

**UPtime service**

**WE'RE A CERTIFIED SERVICE DEALERSHIP**

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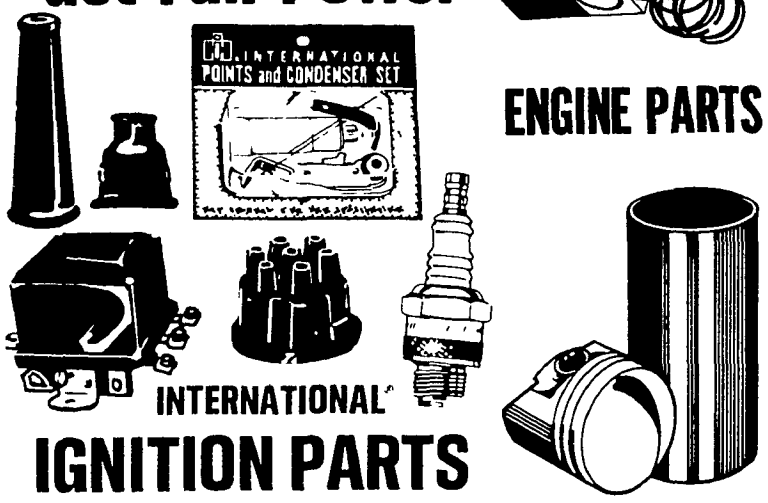


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**"The Price Will Be Right, Too!"**

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**TRACTORS and MACHINES ARE MOVING.** If you're looking for a piece of good used equipment and its not listed below, Call us anyway, could be we just traded what you want.

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6072 IH 37 Disk
5828 IH 470 21' Disk
6280 Krause 2416 Disk
5842 J.D. 440 12' Offset Disk
5440 J.D. KB Disc Harrow
6330 J.D. 1630 Disk
6332 J.D. 310 12'6" Disk
6421 J.D BWA 11' Disk
6033 A/C 4500 20' Offset Disk
5001 A/C 16' Disk
6560 IH-490 24' Disk
4969 Miller 12' Disk, Rebuilt
5538 Pittsburgh 10' Disk w/cyl
6036 Case 20' Disk
5393 MF 18' Offset Disk
6025 Dunham 12' Packer
6434 AC 3300 Disk 20½'
6515 Dunham 42319 Wing Cultipacker
6651 Deere 210 Disk 12'
6722 King Rock Disc 12'
6753 Lely 10' Roterra

### PLANTERS & DRILLS & SPRAYERS

2240 IH 400 Planter 4R
3288 IH 400 Planter - 8R cycle
9903 1300 Cornplanter - 4 Row (JD)
2414 J D 494 Cornplanter
6755 Deere FBA 15x7 Drill
5080 J D 20x7 Drill ModelB
2038 Bean 40 RC Sprayer w/Truck
6426 IH 510 Drill 24x6 Plain

### TRACTORS

6595 IH - F1586D w/30 5x32 Tires
5255 IH - 1466 Tractor
5583 IH F806 Tractor
6452 IH F806 Tractor
6073 IH 766D Tractor w/Cab
5660 F706D Tractor
5642 F444 Tractor
6035 Case 2670 Tractor 4WD Tractor
6238 Melroe 444 Bobcat Skid Loader
6109 IH 2000 Loader
6161 IH 2000 Loader
6432 IH - F1586D, 20 8x38 Duals
6435 IH 1066 Hydro
6403 MF 1805 4WD w/Blade
6580 IH F 1086 D w/Cab
6526 IH 125 Series C Crawler, Loader
6510 Ford 4000D SU
6180 IH - F886D w/Cab, 400 Hrs
6594 IH 4366 4WD
6561 IH F1566 w/cab
6702 IH-F544 D Hydro
6714 IH-424D Tractor
6795 IH 240 w/Loader
6494 Case 900B Tractor
6781 IH F450 Gas

### HAY & FORAGE

6537 NH 469 Haybine, 9'
4263 IH 990 Mower Conditioner, 9'
6566 Deere 3800 Harvester
6138 Fox Super D 162 Harvester, Self Propelled
5752 IH 650 Harvester, Recutter
4405 IH 650 Harvester, Recutter
2319 IH 650 Harvester Direct Throw
5444 NH Super 717 Harvester
6743 Hesston 1090 Mower/ Conditioner, like new
5445 NH 717 Harvester
6688 IH 350 Harvester
5814 Deere 737 Rotary Cutter, 13'
6423 Lilliston, 6' Rotary Cutter
4976 NH 320 Baler
5776 Bushog 9' Rotary Cutter
6758 IH 56 Blower
5360 Deere 65 Blower
5775 IH 110 Forage Box, 16'
6802 NH 1034 Stackliner Baler Wagon

### MISCELLANEOUS

6334 Leon 8600 Rock Picker
6740 IH 85 6R Frt. Mdt Cult
6319 IH 55 10 Shk Chisel Plow w/Consertil

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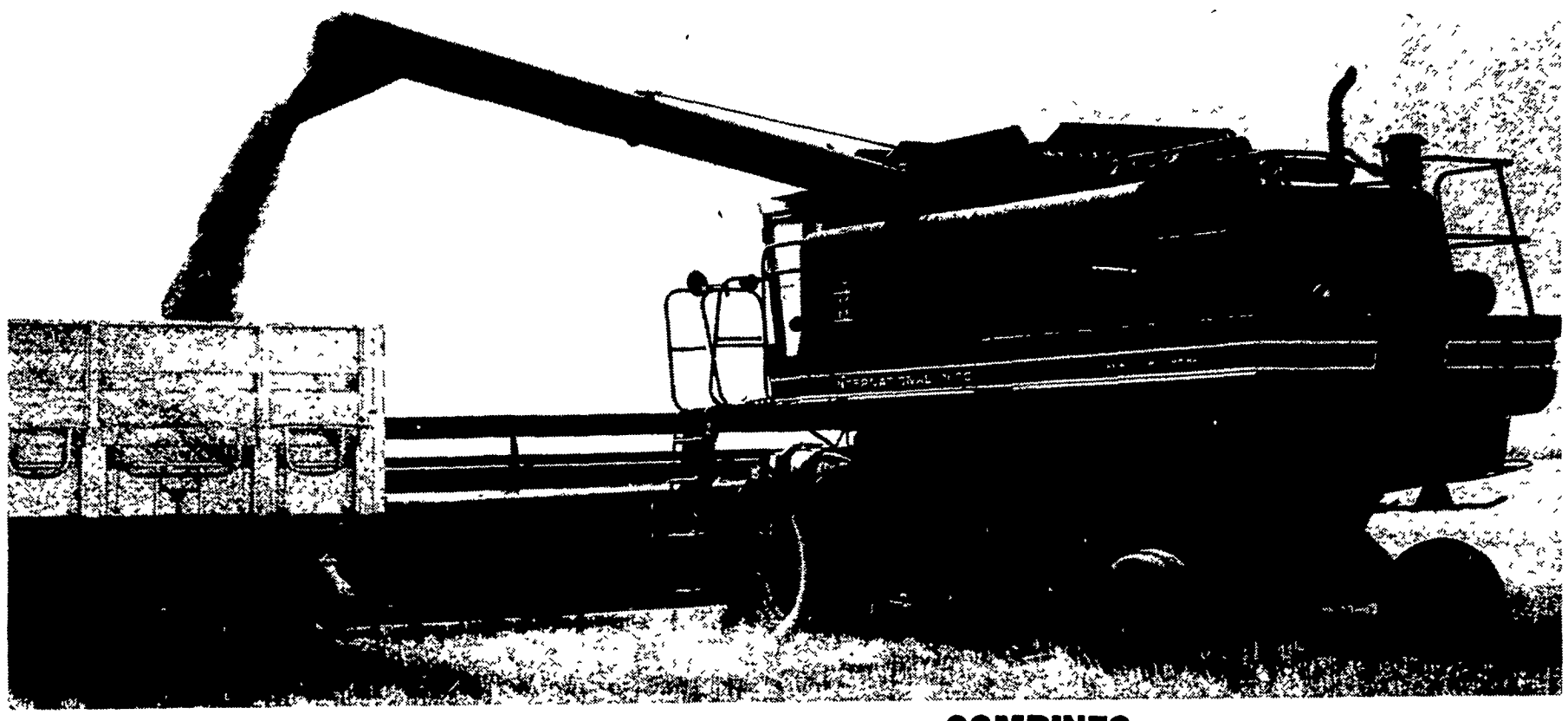
# IH COMBINE HEADQUARTERS IN EASTERN PA.

# FEATURING...

## AXIAL-FLOW... SIMPLICITY — THE MOST MODERN OF ALL



**IH AXIAL-FLOW PUTS MORE IN THE TRUCK BECAUSE IT LEAVES LESS IN THE FIELD**

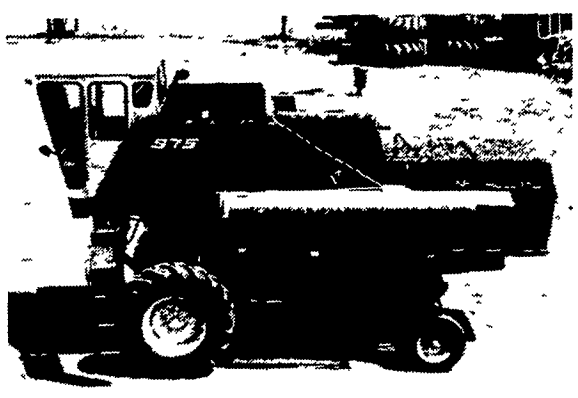
## COMBINES

6825 IH 1460 Combine
6817 IH 1460 Combine
5742 IH 915 Combine
5928 IH 815 Combine
6126 IH 503-C Combine w/430 w/n Cornhead, w/13.5' Grain Platform
5536 J.D. 6600 Diesel - Gear Combine
6389 J.D. F105 Combine
5413 J.D. 45 Combine w/10' Platform & 235 Cornhead
6098 NH 975 Combine
5886 AC Gleaner L2
6816 JD 6600 Diesel, w/444 Cornhead & 14' Platform

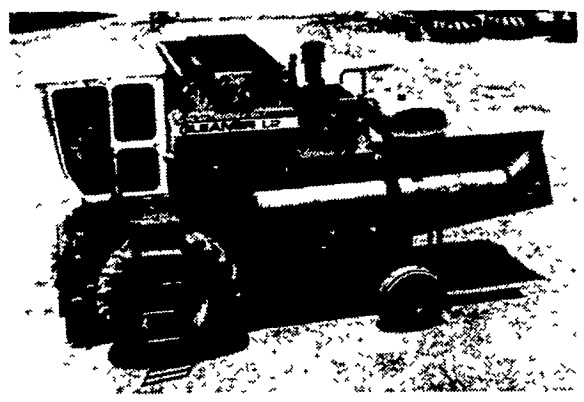
★ WAIVER OF FINANCE TILL 9-1-81 ★

## JUST TRADED

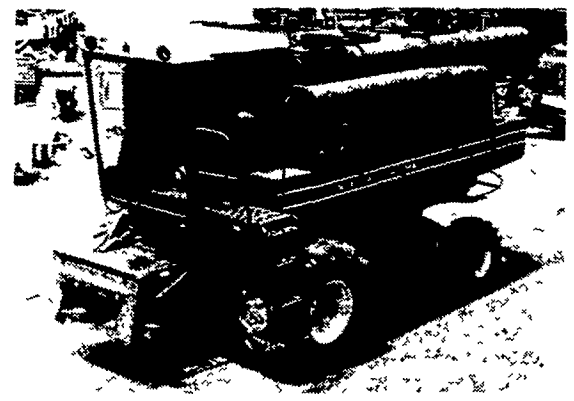
IH 715 D Hydro, Less Than 200 Hrs.



**975 NEW HOLLAND COMBINE**
With 2 Row Corn Head



**L2 GLEANER COMBINE**
With 6 Row Corn Head & Platform



**INTERNATIONAL 1460**
28Lx26 Drive Tires, 18.4x16.1 Rear Tires, 1078 Hours, Air Conditioned

# A COMBINE BOUGHT FROM HOOBERS'

**OUR MECHANICS ARE FACTORY TRAINED**

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FARM EQUIPMENT

FARM EQUIPMENT

FARM EQUIPMENT

**case**

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**IH 86 Diesel Hydro,** With ROPS, 2nd Valve, Current List $24,687 . . . . . SALE **$19,900**

• 4586 Diesel, 4 Wheel Drive - Old Price!
• 3788 Diesel 2+2
• 986 Diesel • 584, 684 Tractors

| TRACTOR MODELS | IH RED* POWER $ | CASH REBATES |
|---|---|---|
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| 3388 3788 3588 | 7 500 | 5 000 |
| 4388 4788 4588 | 10 000 | 7 000 |
| 140 274 | 450 | 300 |
| 384 | 750 | 500 |
| 484 & 584 | 1200 | 800 |
| 684 84 Hydro 784 | 1350 | 900 |
| 884 | 1500 | 1000 |

| COMBINES Or Choice Waiver to 9 1-81 | | |
|---|---|---|
| 1440 1460 1480 | 5 000 | 3 500 |

| IMPLEMENTS | IH RED* POWER $ | CASH REBATES |
|---|---|---|
| GRINDER MIXERS | 650 | 450 |
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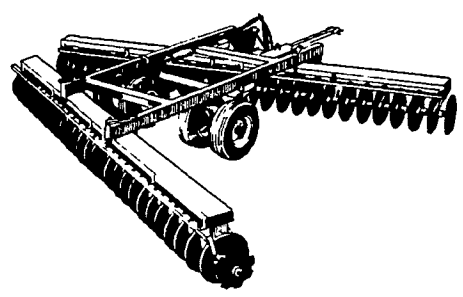
| RAKES & MOWERS & BALERS | 200 | 140 |
| MOWER CONDITIONERS | 750 | 500 |
| FORAGE HARVESTERS | 1320 | 925 |

**SPECIAL...**
Preferred Customer Rebate on 1420 Combine
**$7,000**
Call For Details

* IH Red Power $ Certificates may be redeemed by the customer only at the selling IH Dealer on the purchase of additional new IH equipment or parts by December 31 1981

### TILLAGE:

735 Vari-Width Plow, 5 Bottom
730 Vari-Width Plow, 5 Bottom
720 4-Bottom Plow
440 4-Bottom Plow
145 3 & 4-Bottom 18" Rollover, Auto Reset
596 Disc Harrow, 22'5" (13,500 lbs )
496 Disc Harrow, 19'1", 9" Spacing (New Model)
501 Disc Harrow, 12'5" - Old Price!
315 Packer Mulcher, 20' Folding, Old Price! (1 left)
415 Packer Mulcher, 13', 12' & 10'
5513 13' 3 Pt Chisel (1 left)
No 14 5-Shank Auto-Reset Sub Soiler
4500 Field Cult., 12' to 21' Folding
5100 Grain Drill, 24x6 with Ga Wheels
5100 Grain Drill, 16x7 Plain



### SPRAYING EQUIPMENT:

400 Gal. Stainless Steel John Blue Trailing Sprayer
300 Gal. Poly Tank John Blue Trailing Sprayer
John Blue 4-Ton Trailing Spreader with Hyd Brakes - $3525!

### MISCELLANEOUS:

(2) IH 50 Shredders - Old Price!
IH 56 Blower - Old Price!
35 Hyd Rake - Old Price!
2250, 2350 & 2450 Loaders
1350 Grinder Mixer
530, 540, 550, 560 & 575 spreaders
IH 5000 Diesel Windrower With 12' Head OLD PRICE! Plus $1400 Rebate

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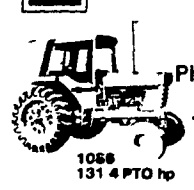
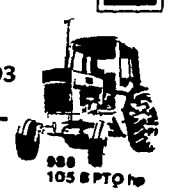
Red Lion, York, Brogue, Loganville
Ph. 246-1972 Residence 301-452-8693 after 6 P.M.




## INTERESTED IN A NEW TRACTOR? CALL US FIRST!!

**WE HAVE A COMPLETE INVENTORY READY FOR THE FIELD**
**WE ARE DEALING!**
**OUR SALE PRICES COUPLED WITH IH'S GREAT REBATE PROGRAM IS UNBEATABLE!**

## ANNOUNCING AN UNBEATABLE SALES PROGRAM FROM IH!

RED POWER BUYER'S CHOICE

**REBATES & AWARDS ON ALL IH TRACTORS**
**INTERESTED ? ?**

NOW YOU CAN BUY A 1086 TRACTOR DEMONSTRATOR THAT USUALLY LISTS FOR **$40,403** FOR $29,700 + GET $3000 CASH BACK FROM IH FOR A NET COST OF **$26,700!** TRACTOR IS EQUIPPED WITH AM-FM RADIO, DIFF LOCK, 20 8x38 8 PLY REAR TIRES, 2 SETS REAR WTS. **— OR —**

RECEIVE $4500 IN "IH RED POWER" DOLLARS REDEEMABLE FOR ANY IH MERCHANDISE OR EQUIPMENT.

**ALSO YOU CAN BUY**

A 3388 2+2 TRACTOR EQUIPPED WITH 18 4 x 38 8 PLY TIRES FOR **$38,500** (LIST **$49,080**) AND GET **$5000** IN CASH BACK FROM IH **OR $7000** IN IH "RED POWER" DOLLARS

**GREAT REBATES AVAILABLE FOR OTHER MODELS INCLUDING ALL UTILITY TRACTORS**

## NEW TRACTORS & COMBINES IN STOCK

1420 Combine
1440 Combine
1460 combine — priced right
All Combines Finance & Warranty Waiver Until 9-1-81
986 Farmalls-new model-cab, air, diff lock, old price
1086 Farmall demonstrator, old price
3388, fully equipped
(2) 686 Farmalls
484 Utility
84 hydro row crop
584 row crop
784 row crop

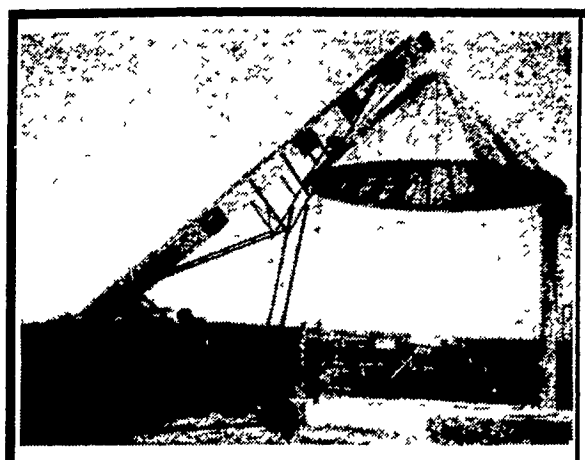
## USED SKID LOADERS

• IH 4130, Rebuilt, new tires
• Bobcat 610

## USED EQUIPMENT

(2) IH 2000 loaders for Farmall or utility
IH #15 rake, painted, new rubber teeth
175 McCurdy grain box on good Grove running gear, $675 SOLD
IH D 1066, year-round cab, heater, 2 valves, 20 8x38 rubber, good cond
IH 656 Farmall Diesel w/3 Pt, Nice
NI 319 mt pl 656, 460, M, etc SOLD
IH mtd 234 Picker for M, 560 656, Exc Cond.
IH 830 Forage Harvester, 4 yrs old, good cond , hay head, new corn head
JD 13x7 FBB Grain Drill, Exc Cond
Sheller for NI mtd picker, 150 acres
NH 469 Haybine
Many used reconditioned cadets
4 row narrow corn head for JD 105 combine, $1200
Moline drill, 16x7, combination, nice
Oliver 18' wing disc
IH 470 12' disc
JD 14' rotary mower
IH 56 blower, nice
Many used John Deere Harrows
JD FBB grain drill, good cheap drill
NH Super 717 1 row corn hd, hay pick-up
NH 273 baler, like new
H Farmalls (2)
JD 2510 gas tractor
B 414 diesel, 3 pt , overhauled, nice
NI 213 spreader, new web
Super C w/cultivators, belt pulley
IH 2400A tractor w/6 way blade, ideal for snow removal
IH 4-Row cyclo no-till planter, nice
IH 449 planter, 4-row, nice, good cond
MF 4-row planters, 50 acres
JD 34 harvester, 1 row head, new knives

FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT



**ZIMMERMAN PORTABLE ELEVATORS**

Will Carry Your Corn & Hay

28 ft ... $1125

32 ft. ... $1195

★ 36 ft. and 40 ft also available

**BEHLEH CORN CRIBS**

1200 BU.. $885

1600 BU .... $1095

**Limited Supply At These Prices**

## USED EQUIPMENT

| | |
|---|---|
| Super M, like new tires, nice | $1550 |
| 930 Case tractor | 4100 |
| AC D19 tractor, nice | 3450 |
| Int. W9, gas | 1800 |
| Cub w/mower, nice | 1995 |
| AC CA | 875 |
| Case 900 | 2800 |
| NI Wheel Rake, good | 750 |
| Grimm Tedder | 850 |
| Portable Welder2 cyl. engine | 750 |
| NI Hay Crimpers | from 250 up |
| JD rotary mower | 575 |
| 272 NI cut conditioner | 1850 |
| 10 ft. International Fertilizer Spreader, Ex | 475 |
| GB600 Gehl Harvester w/2 row narrow head | 1450 |

First with a better way.

HESSTON FARM EQUIPMENT

**HESSTON FARM EQUIPMENT**

**NEW HESSTON 38 HAY RAKE $1725**

**2 ROW 38" CORN HEAD AND A 6' GRASS HEAD FOR A HESSTON 2000-HARVESTER**

**WISCONSIN ENGINES Sales and Service**

AVCO VM Diesel

**From 20 to 300 HP**

SALES & SERVICE

## MILLER'S REPAIR

1 Mile North of Bird-in-Hand
8 Miles East of Lancaster
RD1, Bird-in-Hand, PA PH: 717-656-9013

# ECHO

## POWER SPRAYERS

## DM-9

**One of the Most Reliable Sprayer/Dusters Ever Made!**

This easy-handling 40 cc backpack unit sprays powders, liquids or granular chemicals. A variety of optional attachments adapt it to a wide range of applications — from mosquito control to orchard care to fire fighting. All the DM-9's benefits go anywhere, with every component integrated into a convenient backpack arrangement.

**SPECIAL:**

**$305.00**

Add $5.00 For UPS Shipping

## FISHER ENGINE SERVICE

3141 Old Phila. Pike, Bird-in-Hand, PA 17505 717-768-3729

MF Massey Ferguson

# LEBANON VALLEY IMPLEMENT CO. INC.

MF Massey Ferguson

**Massey Ferguson Sales and Service**

**NEW FARM TRACTORS IN STOCK**

MF 2675, 24 speed trans., cab w/air, 100 hp
MF 285, 12 speed M.P. Trans., cab w/air, 81 hp
MF 275, 8 speed trans., 67 hp
MF 265, 12 speed M.P. trans, 60 hp
MF 230, 6 speed trans., diesel, 34 hp

**USED MF TRACTORS**

MF 1100, M.P. trans w/cab, 18.4x38 duals 94 hp, 1972 model, new paint, $8,100.00
MF 1105, M.P. trans w/cab & air, 18.4x38 wheels, 100 hp, 1976 Model, $13,400.00

**USED TRACTOR LOADER BACKHOE WITH CAB**

John Deere 410 w/reverser trans. Diesel, 2,880 hrs. with 12", 18" 24" and 36" backhoe buckets.

**$19,900.00**

**NEW MF 50 C TRACTOR LOADER BACKHOE**

Diesel engine 62 H.P., w/cab, instant reverse trans. 300 loader, w/1 cu. yard bucket & 54A backhoe w/extendable dipper & 24" bucket List $40,172.00

Sale Price **$32,500.00**

**NEW MF HAY EQUIPMENT**

1 - MF Model 37 Hay Rake, pull type, 5 bar
List $1,800.00 Sale $1,595.00
1 - MF 120 Baler w/ Thrower
List $7,125.00 Sale $6,275.00
1 - MF 128 Baler w/ Thrower
List $8,725.00 Sale $7,575.00

**AUGUST SPECIAL**

**MF 2705 TRACTOR**

24 speed, M.P. trans., cab w/air, 120 hp Diesel, 20.8x38 rear tires.
List $37,530.00
SPECIAL **$32,775.00**

**NEW MF COMPACT TRACTORS IN STOCK**

MF 205 w/20 engine hp
MF 205-4, 4 wheel drive, 20 hp
MF 210-4, 4 wheel drive, 250 hp
★ These tractors can be equipped with front end loaders and rotary mowers

**NEW MF 540 COMBINES IN STOCK**

With grain and cornheads.
Call about prices

**USED MF COMBINES AND CORNHEADS**

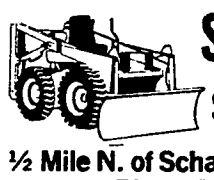
MF 510 diesel with cab and 12 ft. grain head and 4 row model 422 wide row cornhead
MF 510 diesel w/cab and air, quick attach 13 ft. grain head, hydrostatic trans $12,500.00
Used MF model 44 cornheads, regular and low profile, priced from $2,500.00 to $5,000.00

**TILLAGE EQUIPMENT IN STOCK**

MF 880 5-16" bottoms semi mounted plow, automatic hyd. reset
MF 880 5-18" bottoms semi mounted plow, automatic hyd. reset
MF 520 disc, 10 ft. wide, 20" disc blades
MF 620 disc, 12 ft. wide, 22" disc blades
MF 720 disc (used) 12 ft., 24" discs, dual wheels $3,500.00

## LEBANON VALLEY IMPLEMENT CO. INC.

700 E. Linden Street, Richland, PA 17087 PH: 717-866-7518



# SCHAEFFERSTOWN EQUIPMENT

**SCHAEFFERSTOWN, PA**

½ Mile N. of Schaefferstown on Rt. 419
Phone 717-949-6529

**ALL MACHINES REPAIRED AS NEEDED — CLEANED & PAINTED**

**WE BUY USED EQUIPMENT**

**WE ARE A DEALER FOR CUSTOM TRAILERS**

**BACKHOE LOADERS**

| | |
|---|---|
| Case 580B 1975 w/cab | $15,500 |
| Case 580B | $11,500 |
| Case 580 Dsl | $9000 |
| Case Backhoe Loader | $4500 |
| Ford Backhoe | $5400 |

**CRAWLER DOZERS**

| | |
|---|---|
| Cat 933 G good | $9000 |
| Cat 933 | $6500 |
| Cat 46A real clean | $42,000 |
| Cat D4 40A Good | $11,500 |
| Cat D8 2U Cable | $8500 |
| Cat D6, hyd | $6500 |
| Letourneau pull pan | $1600 |
| JD 350 6-way angle Blade New Undercarriage | $9000 |
| JD 1010 Dsl w/winch | $5000 |

**CRAWLER LOADERS**

| | |
|---|---|
| JD 450 | $8250 |
| JD 450 w/ROPS, good | $12,000 |
| Cat 955H 60A | $10,000 |
| IH TD6, 4-in-1 bucket, excellent cond | $8500 |
| IH T340 Dsl 4-in1 Bucket w/ripper | $7000 |
| Cat 977H w/ripper | $18,500 |
| AC HD7G | $6500 |
| AC HD5 | $4200 |
| AC HD5 | $3450 |
| Case 1150 4-in-1 bucket | $6000 |

**AIR COMPRESSORS**

| | |
|---|---|
| LeRoy 105 | $3500 |
| Jaeger 105 | $2000 |
| Chicago Pneumatic 125, O H | $3000 |

**ROLLERS**

| | |
|---|---|
| Fordlane Paver, ex cond | $3100 |
| 3 Ton Tandem | $2000 |
| 1 Ton Roller | $2000 |
| 1 Ton Roller | $1000 |
| 1 to 3 ton Virbra-Pac | $2800 |
| 3 to 5 ton Huber Tandem | $5000 |

**SKID STEER LOADERS**

| | |
|---|---|
| JD 24 | $4800 |

**GRADERS**

| | |
|---|---|
| Huber Wargo Dsl. w/Cab | $5000 |
| Galion 118 Dsl w/cab | $6500 |

**TRAILERS**

| | |
|---|---|
| 1979 CMI Folding Hydr Gooseneck 30 ton | $29,500 |
| 9 Ton Tag-Along | $1400 |
| 9 Ton Tag-Along | $2000 |
| 9 Ton Tag-Along new heavy duty | $5100 |
| 12 Ton Tag-Along | $2000 |
| 12 Ton Tag-Along | $2750 |
| 15 Ton Gooseneck, S A | $3500 |
| 25 Ton Gooseneck Tandem Axle Double Drop | $5500 |
| Approx 1½ Ton Tandem Axle Tilt Trailer w/winch | $1200 |
| 4 Horse Imperial Deluxe | $2800 |
| 1 Ton Roller Trailer | $800 |
| New Trailers - All sizes and prices | Call |

**TRUCKS**

| | |
|---|---|
| 1975 Dodge ¾ ton 4x4 clean | $3500 |
| 1965 Int Dump S.A. | $3200 |
| 1956 White 18' bed S.A | $1800 |
| 1967 GMC ¾ ton w/utility box | $800 |
| 1970 Chevy w/20' bed S.A | $2500 |
| 1975 Plymouth Fury 6 cyl | $2000 |
| 1973 Buick Riviera | $1500 |
| 1969 Ford sgl. axle dump, good | $6900 |
| 1965 Ford ¾ Ton | $450 |
| Int Tandem Axle Dump | $4250 |

**WHEEL LOADERS**

| | |
|---|---|
| AC TL16 Diesel | $7500 |
| Hough 70, 4x4 3 to 4 yd good | $14,500 |
| Hough 30, 1 yd good | $5200 |

**MISCELLANEOUS**

| | |
|---|---|
| MF 180 Tractor | $6850 |
| Ford Corn Planter 2 Row 3 pt. Ex | $450 |
| 16' Dump Box excellent | $2650 |
| 5 ft. Rotary Cutter | $465 |
| Pavement Breaker 90 lb. | $350 |
| 3 pt Landscape Box | $375 |
| Assorted Loader Buckets | |
| 6 ft Angle Scraper Blade 3 pt | $175 |
| Myers Snow Plows Electric Hydraulic/Angle | $1000 |
| 17' Dico BlockUnloader, Complete | $2500 |
| Davis Trencher w/Backhoe 30+4 | $7500 |
| Davis Trencher 30+4 | $5000 |
| Davis Trencher 300+ | $3000 |

FARM EQUIPMENT

## FOR SALE

Auto turn carts and five angle scrapers. Reassemble with two bolts

Scrapers $165
Carts $275
with brake
Carts $235
without

**SAMUEL F. STOLTZFUS**
RD 1 Christiana, Pa.
Box 199 17509
At Bartville

FARM EQUIPMENT

SPERRY NEW HOLLAND SPERRY NEW HOLLAND

## M & R EQUIPMENT

New Park, PA
717-993-2511
Red Lion - 717-246-1972
Residence - 301-452-8693 after 6 PM

**NEW HOLLAND SPECIALS!**
(New) NH 474 haybine, $5500
(New) NH L-35 skid loader w/deluxe glass cab enclosure, 7' bucket. Reg. $16,900 NOW $13,200 (No Trade)
Call for a Skid Loader Demonstration Today!
Waiver of Finance on all New NH Skid Loaders, Manure Spreaders & Grinder Mixers until 9-1-81
Waiver of finance on all hay & forage eq. until 1-1-82
One Day UPS Service on NH Parts
13.9% Financing Available
Call For Details

FARM EQUIPMENT

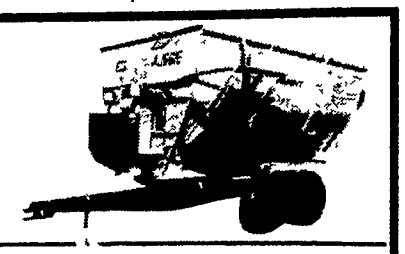
FARM EQUIPMENT

FARM EQUIPMENT

FARM EQUIPMENT

*You can depend on a Knight*

**DEMO.**
**KNIGHT 12C**
**BIG AUGGIE**
**MIXER FEEDER**
**ELECTRONIC SCALES**
**$12,350**



## USED EQUIPMENT

**TRACTORS**
Case 530 G
Case 1070 D
Case 1370 C-A-H
Ford 4000 G
IH 660 D
IH 1066 Hydro
MF 2135 Turf
AC 7040 C-A-H
AC 7080 C-A-H
DB 1200 D
DB 990
MM Jet Star 3 diesel

**LOADERS**
Case 1816
Case 580 w/hoe
Case 380
1530 Uniloader
Uniloader fork - grapple

**UNI-SYSTEM**
701 Power Unit
708 Power Unit
702G w/combine
729 A sheller
767 harvester
762 row crop
760 hay pickup
710 combine
743 N corn head

**FORAGE**
Gehl 800 recutter
Gehl 600 harvester
Gehl 610 box
Gehl 910 box
J.D. 65 blower
N.H. 1880 SP
JD 216 box

**MISCELLANEOUS**
Ford 101 plow
Hesston PT 10
JD 700 grinder-mixer

**NEW IDEA**
Manure Spreaders 212, 213, 214, 224, 218
#7 corn picker
325/314 picker sheller

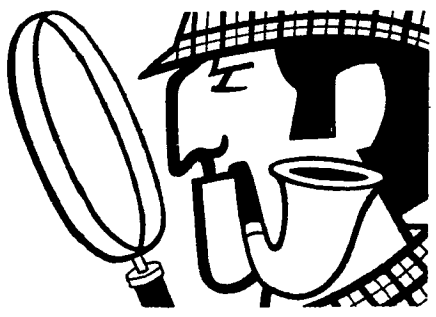
# A.L. HERR & BRO.

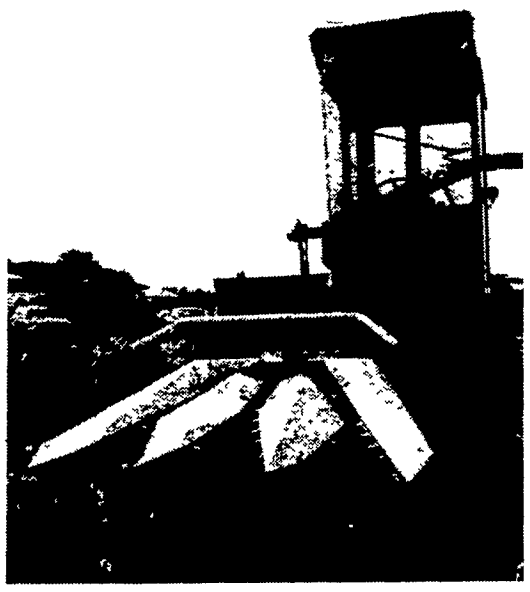
**PARK AVE., QUARRYVILLE, PA 17566 PHONE: 717-786-3521**

case AVCO NEW IDEA GEHL Gets into your system BUSH-HOG

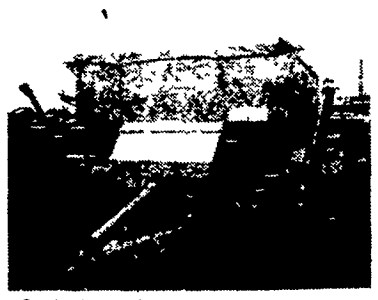
# BARGAIN HUNTER SPECIALS

**TRACK DOWN BIG BUYS ON USED EQUIPMENT**



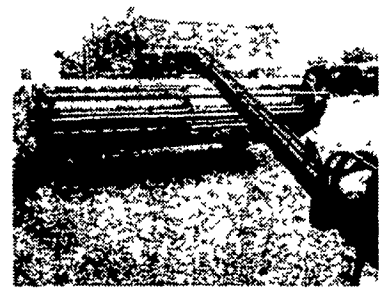


NH 1890 Harvester with 880 N3 Corn Head, Ex-Condition Warranty
**$32,250.00**
★ Free Finance until Jan 1, 1982

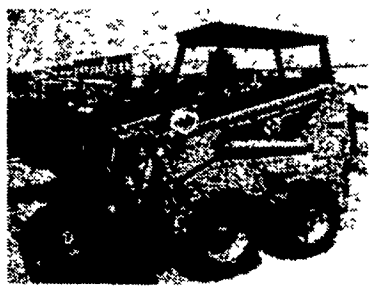


Stoltzfus 5 Ton Fertilizer Spreader with Sower
**$3850.00**

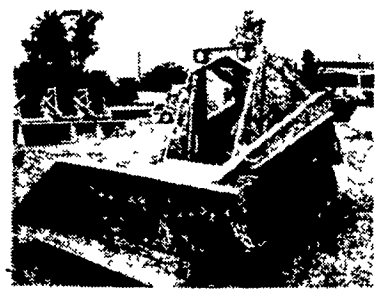
NH S717 Harvester w/717N2 Head, New Knives
**$2300.00**



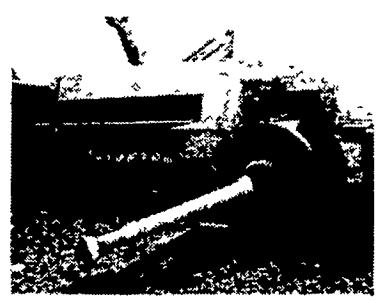
JD 1380 Mid Pivot Mower Conditioner, 12 Ft **$4995.00**



Mustang 1700 Diesel
**$6950.00**



NHL-778 Gas 170 Hours
**$13,500.00**



Ford 530 Baler
**$850.00**

**USED TRACTORS**

| | |
|---|---|
| Massey 165D | $4850 |
| Ford 901G | $3200 |
| JD 4240 w/Duals | $24,750 |
| JD 2040 Diesel - 270 Hours | $8200 |
| JD 1010 D Utility | $2950 |
| JD 2010 G | $3450 |
| JD 3010 G | $3500 |
| JD 2020 G - Engine Just Overhauled | $5950 |

**USED LOADERS**

| | |
|---|---|
| JD 37 Loader | $350 |

**USED PLANTERS AND GRAIN DRILLS**

| | |
|---|---|
| JD 494 A - 4 Row, Plate w/fert. Insect. Seed Disk Openers | $1100 |
| JD 494A - 4 Row Planter | $550 |
| JD 2 Row Tool Bar Planter w/fertilizer | $550 |
| IH 2 Row | $400 |
| JD 494A - 4 Row Plate, w/fert Insect | $1000 |
| IH 56 - 4 Row Plate, w/fert. Insect | $1350 |
| IH 2 Row Planter | $400 |

**USED HARVESTERS AND ATTACHMENTS**

| | |
|---|---|
| NH Super 717 with 2 Row 717R2 Corn Head | $2250 |
| Fox 3000 Harvester | $1650 |
| NH 1 Row 717 Corn Head | $775 |
| NH 717 Harvester with 1 Row 717 R1 Corn Head | $1150 |
| NH 770 Snapper Head | $1350 |
| NH 770 Harvester | $2350 |
| Fox Flail Pickup | $395 |
| NH 717S Harvester | $1800 |
| Fox Hay Pickup | $500 |
| NH 717 Harvester | $1500 |
| NH 717 W Hay Head | $625 |
| JD 5½ ft. Hay Head | $550 |
| NH 707, 3 point, w/1 Row Head | $2450 |
| NH 707W Hay Head | $575 |

**USED BLOWERS**

| | |
|---|---|
| NI 620 Blower | $1250 |
| Gehl 99 Blower | $1800 |

**USED CORN PICKERS**

| | |
|---|---|
| NI 323 | $3000 |
| NI 323 | $2650 |
| NI 324 | $3250 |

**USED MOWERS AND RAKES**

| | |
|---|---|
| Triumph Hi-Way Mower | $1000 |
| JD 25A Flail Mower, Like New | $1250 |
| Bushhog 14' Rotary Cutter | $1800 |
| JD 350 Rake | $450 |
| NI 404 w/6 wheel rake | $675 |

**USED BALERS**

| | |
|---|---|
| NH 277 Baler | $3950 |
| JD24T Engine Baler | $1995 |
| JD 224T Baler | $2450 |
| NH 68 Baler | $1550 |
| NH 68 Baler | $1500 |
| NH 271 Baler w/Thrower | $1950 |
| JD 14T PTO Baler w/Ejects | $1250 |
| JD 346 Baler | $3650 |

**USED SPREADERS**

| | |
|---|---|
| NH 512 | $1350 |
| NI 214 | $1850 |
| NH 510 | $1575 |
| NH 328 | $800 |
| NH 518 | $1950 |
| NI 213 | $1800 |
| JDN | $600 |
| NH 790 | $4000 |

**USED MOWER CONDITIONERS**

| | |
|---|---|
| NH 477 Haybine | $2675 |
| NH 467 Haybine | $2350 |
| NH 479 Haybine | $2950 |
| Hesston Pt 10 | $1650 |
| NI 270 Cut-Ditioner | $2450 |

**USED GRINDER MIXERS**

| | |
|---|---|
| NH 352 | $2650 |
| JD 750 (Excellent Cond.) | $5800 |

**USED TILLAGE**

| | |
|---|---|
| JD 9' Spring Tooth Harrow | $450 |
| Brillion LFM 9' Pulverizer | $375 |
| Dunham 10' Packer | $600 |
| JD 350 - 5 Bottom Hydraulic Reset Plow | $3250 |
| JD 1600 - 12 ft. Chisel Plow | $1795 |
| Wing Fold AC 18' Field Cultivator | $2250 |
| JD 1630 - 11'7" Disk Harrow | $4250 |
| Ford 206 - 12', 3 Point. Spring Tooth Harrow | $425 |
| JD 208 Killifer Disk | $450 |

**USED FORAGE WAGONS**

| | |
|---|---|
| JD 216 Box w/1065 Gear | $2875 |

AVCO NEW IDEA SPERRY NEW HOLLAND JOHN DEERE

# ABC GROFF, INC.

STORE HOURS
Mon., Tues., Wed 7-5
Thurs., Fri. 7-9
Sat 7-4

Parts 717-354-4191
Sales 717-354-4731
Service 717-354-8004

Since 1890
110 S Railroad Ave
New Holland, PA 17557

**OPEN THURSDAY AND FRIDAY UNTIL 9 P.M.**

PAGE master charge VISA

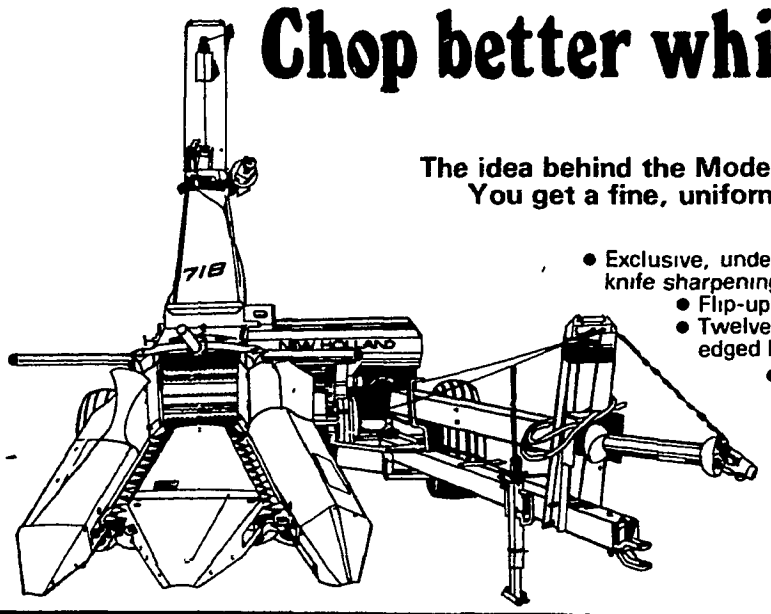
**OUR TRUCKS ARE RADIO CONTROLLED**

COME ON IN!

# DEALIN' DAYS

WE'RE READY TO DEAL ON THIS EQUIPMENT

## Chop better while saving power!

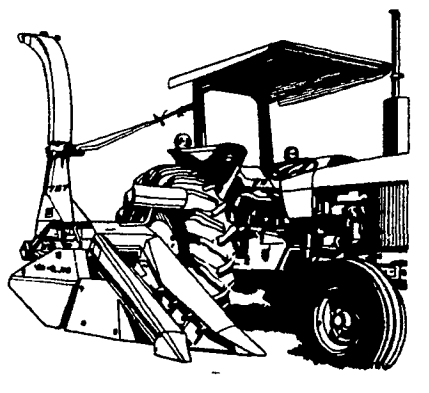


**The idea behind the Model 718 forage harvester is efficiency: You get a fine, uniform cut with low power requirements.**

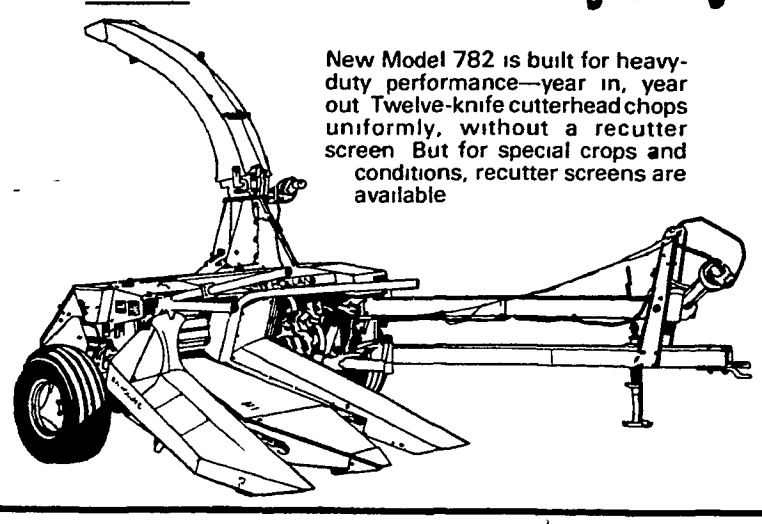
- Exclusive, under-beveled knives eliminate re-beveling, make knife sharpening fast and easy
- Flip-up feed roll makes shearbar adjustment easy
- Twelve-knife cutterhead has reversible, double-edged knives
- Choice of new one- or two-row low profile crop heads, windrow pickup or sicklebar

## Get extra-performance features in a tractor-mounted harvester.

The Sperry New Holland Model 707 forage harvester is an economical, tractor-mounted harvester that features a rugged 9-knife cutterhead, built-in knife sharpener, extra strength all over! This highly maneuverable harvester gives you excellent traction in wet fields It's also available with windrow pickup



## New Model 782: Heavy duty from hitch to spout.



New Model 782 is built for heavy-duty performance—year in, year out Twelve-knife cutterhead chops uniformly, without a recutter screen But for special crops and conditions, recutter screens are available

**Check these outstanding features:**

- Exclusive under-beveled knives eliminate the need for re-beveling, make knife sharpening fast and easy
- Flip-up feed roll makes shearbar adjustment easy
- Choice of drivelines 540-rpm driveline that ll take up to 110 PTO hp , or 1,000-rpm driveline that'll handle up to 120 PTO hp
- Optional adjustable spout eliminates the need for spout extensions in most conditions
- Big choice of crop heads, including new one- and two-row low-profile crop heads, windrow pickup, sicklebar and one-row ear-corn snapping head

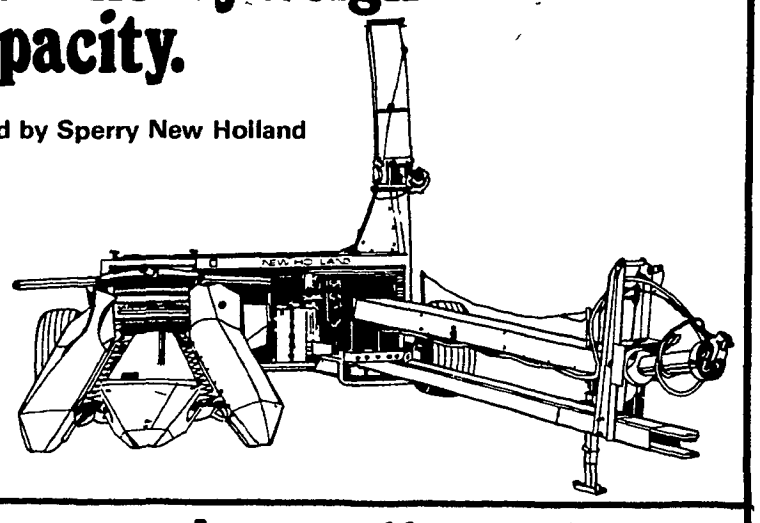
## Whopper Chopper.

## New Model 892: A real heavyweight when it comes to capacity.

**It's the biggest capacity pull-type offered by Sperry New Holland**

The 892' is an extra-heavy-duty chopper built for big tractor horsepower It'll take up to 150 horsepower through the driveline, and can be used with tractors up to 175 horsepower

- Optional electronic metal detector—a Sperry New Holland exclusive—reduces harvester damage and can cut down on hardware disease
- Available with 12-knife or 8-knife cutterhead
- Exclusive underbeveled knives never need re-beveling, make knife sharpening fast and easy
- Flip-up feed roll makes shearbar adjustment easy
- Big choice of crop heads, including the exclusive interchangeable 3-row crop head/windrow pick-up, new 2-row low-profile crop head conventional windrow pickup sicklebar and ear-corn snapping heads



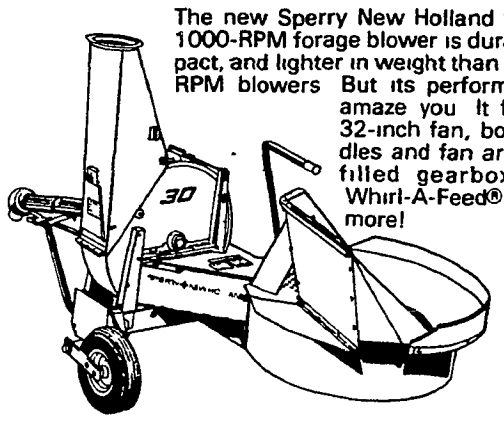
The Sperry New Holland Model 2100 forage harvester features a 325-hp turbocharged six-cylinder diesel engine The 30-inch wide by 24-inch diameter 12-knife cutterhead features exclusive underbeveled knives that never need rebeveling, exclusive metal detector to prevent harvester damage, and exclusive flip-up feedroll and hinged shielding for easy access The "2100" can be ordered with a six-row cornhead or 14-ft sicklebar — both the largest in the industry The Whopper Chopper is designed and constructed for the ultimate in capacity and durability

## Improved reliability in a big-capacity forage blower.

**The Sperry New Holland Model 28 Whirl-A-Feed® Forage Blower is designed for greater overall reliability and easier maintenance. It features:**

● Heavier relubricatable bearings on the hopper drive ● Easy-access lube fittings ● Bolted-on fan arms ● Transition clean-out door for easy fan blade adjustment and easy cleanout in case of plugging

## A new dimension in silo filling.



The new Sperry New Holland Model 30, 1000-RPM forage blower is durable, compact, and lighter in weight than most 540-RPM blowers But its performance will amaze you It features a 32-inch fan, bolt-on paddles and fan arms, an oil filled gearbox on the Whirl-A-Feed® table, and more!

**Stop in and see it soon at . . .**

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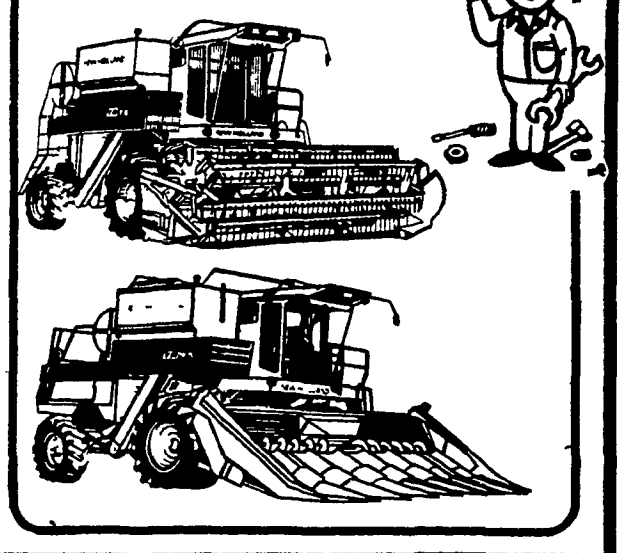

## 5% CASH DISCOUNT ON FORAGE HARVESTER PARTS

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| JD 450C w/ROPS | $16,500 |
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| JD 440 Dsl , sharp, | $5500 |
| JD 420 Gas, as is, needs work | $2500 |
| JD 350 w/ROPS | $7,500 |
| Cat 955H Pedal Steer, sharp | $12,500 |
| IH TD9 w/ripper, sharp, 85% undercarriage | $6500 |
| AC HD5 Crawler Loader, Sharp | $5500 |

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|---|---|
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| 1972 Ford 4500 Dsl w/cab | $9,000 |
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| GRADERS | |
|---|---|
| (2) Gradall 2460 dsl U/D | $5,500 |
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IH 15 Rake . . . . . $375
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NH 479 9' Haybine . . . . . $1500
IH 120 7' mower. . . . . $550
IH 27 Baler w/thrower . . . $1500
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IH 56 Blower. . . . . $1150
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IH 340 10' 3 pt. harrow . . . $450
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| NH 256 Rubber Tine Rake, 1 only | $1690 |
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**COMBINES**
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Fox 546
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Late Model IH 715 w/cab, 13' Quick- Tach grain table, very nice
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NH 477, 7 Ft
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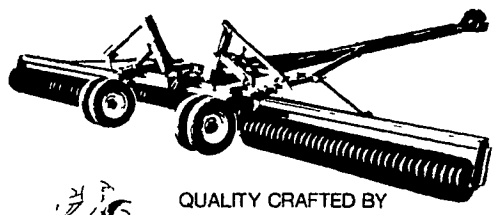

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Ford 2600 Gas, Power Steering
Ford NAA w/Loader
Ford 3400G w/Loader
Ford 801 w/Loader & Hoe
Ford 9N w/Loader
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IH 504 G, 3 pt.
IH 330 w/fast hitch
IH Cub w/mower
AC 5040
AC 160D
AC D17 3 pt.
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MF 165 Gas
MF 135
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Hercules silo unloader for Harvestore $3500 717 264-4555 Franklin Co

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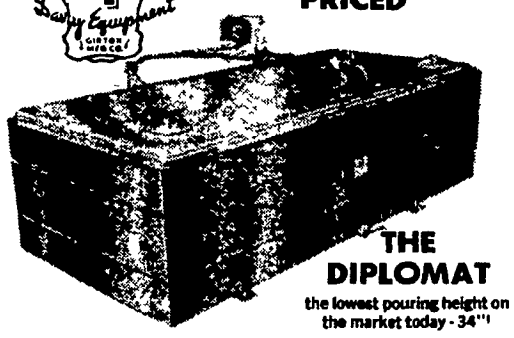

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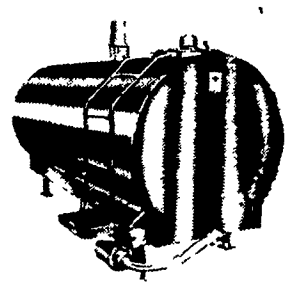

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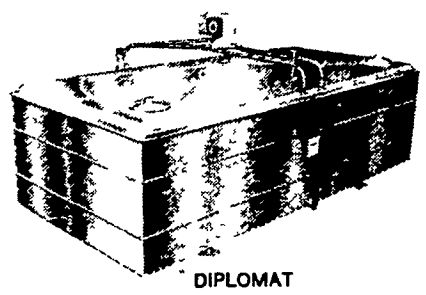

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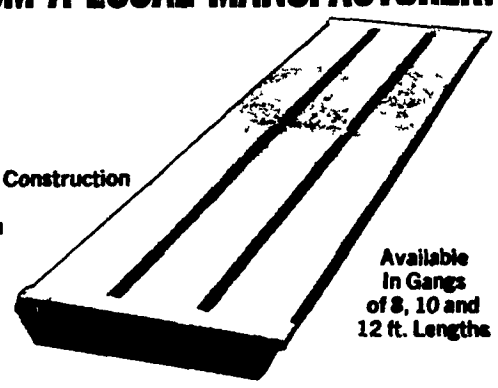

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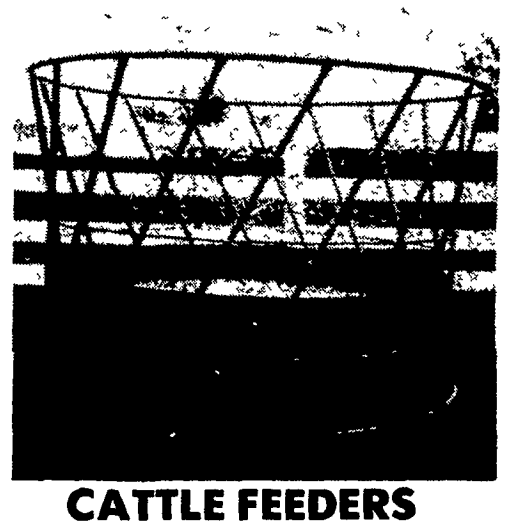

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For Sale Large choice Holstein heifers, bred & open, over 350 or choose from Harmony Dale Farms, Phillipsburg, NJ 201 859 2616

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Registered polled Hereford bull, Domino bloodline, 15 mo old 215 932-8996 after 5 P M

7 Chianina - Angus yearling heifers, breed this fall $575 each 717-872-2436

## CATTLE

Wanted - Herd of dairy cows or heifers, 301-358 0412

Buyers & Sellers of Livestock Be sure to check the advertisements for cattle in the Lancaster Farming You'll get results! 717-394 3047 or 717 626 1164

**LEASE QUALITY DAIRY CATTLE**
Various plans available.
Call or Write.
Dairy Farm Leasing
1700 Dupont Ave. South
Minneapolis, Minn. 55403
612-377-1489


**CATTLE TRIMMING**
NY - NJ - PA
Tri-State Area
**AL DENNINGER**
914-856-3400

**ATTENTION FARMERS**
**Wanted to Buy**
Hurt, Disabled, Down Cattle and/or Hogs
**HOSTETTER'S LIVESTOCK SERVICE**
On the spot payment when possible
Pick-up area unlimited and prompt pick-up
Call (717) 949-2209 or
(717) 949-3205
All animals slaughtered under federal inspection



**DISPERSAL SALE**
Registered Polled Herefords
1 Bull - 100% Producer
8 Cows
6 - 3 yr. Old Heifers
3 Yearlings
1 Yearling Bull
8 Calves
**BEST OFFER**
**W.H. Fordham**
717-945-5518 after 7 PM
717-342-3556 8-4


For Sale - 8 Holstein cows due to freshen in August with second calves Good size, good herd 717-485-4279

Fresh Guernsey cow, tame 717 656 8918

For Sale - herd of young Holstein cows, avg 45 lb per day, coming with 2nd and 3rd calf except 2, to be moved before Oct 1 Call 301-578 1224

For Sale just fresh reg Holstein heifers Magnet out of a vg Elevation Chrom-View Jupiter Daugther, Fleetridge Monitor out of a good plus R Maple with records to 20,000 Also, service age Astronaut son out of EX 91 Jerry, records to good plus dams Must sell Best offer Shelmar Acres 717 653 5663

35 bred Holstein heifers, 12 to freshen Aug Sept Parity registered and identified, 814 695 3418 Blair Co

3 Holstein heifers due August $850 Lancaster Co 717-284 4342

2 reg Holstein heifers, bred AI, due in September, good pedigree 717-665-3778


**ANGUS CATTLE FOR SALE**
Established Quality Breeding Stock Cows, Pairs, Heifers, Club Calves, Feeders, Proven Bulls.
1726 FARM
Lebanon, N.J. 08833
201-832-5324
201-832-7944


## HORSES & MULES

Notice - Registered American Saddlebred Stud Service, sorrel with white markings, real fancy $10 00 down, $40 00 with live colt Driving horses For Sale Isaac S Zook, South of Inter course

AT Stud Indian Run King, Registered Morgan, Joseph Esh, 2151 Forry Rd, Lancaster, PA 17601

For Sale- 2 year old sorrel work horse worked this spring Gideon King, Bachmantown Rd, Ronks, Pa 17572

## SHEEP & GOATS

Pax Farm Dairy Goats Don't let breeding slip up on you! We have 2 Nubian buck kids left out of a champion doe (pend ) Also a few milkers and kids for sale We have Nubians, Toggenburgs, and LaMachas Call weekdays When calling please let ring at least 20 times 717 642 8374 Adams Co

## HORSES & MULES

College student must sell 15 3H part-TB mare, 15 yrs, has been evented, hunted, shown, used for lessons, $1000 Assorted English, western tack, Sch Co 717-345 8983

5 yr old work horse, good worker, Christian K Esh, 2141A Old Phila Pike, Lancaster, PA 17602

Saddle mule, 14 hands, really good broke, anyone can ride, 717-354-9595

For Sale 4 year old sorrel work horse, white mane and tail works almost anywhere Amos N Stoltzfus, RD#1, Lykens, Pa 17048 Dauphin County

Arab Filly, Registered 3/4 2 yr old, gray hunter type $800, 301-658 4540

Wanted- English pony saddle, bridle, riding boots child's 11 or 12, ladies 8 Write Hostetter, RD 1316, Womelsdorf, PA 19567

Morgan Mare Reg 8 yrs, 15 H, liver chestnut, shown successfully, English Western, drives, jumps, excellent manners 301 452-8452

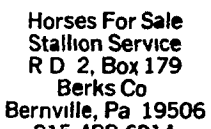
Welsh Arab team, full sisters, 6 and 7 yrs, bay, 13 1 hands, approx 850 lbs each Contact Gene Davis, Rd 5 Box 31, Wellsboro, PA 717-724 2229

Registered Morgan Stud Service 'Son of Champion Dobson" Abram E Flaud, 36 Meadow Lane, Gordonville, PA 17529


**FOR SALE**
Purebred
Registered
Arabian Horses
WOODBRIDGE FARM
York Co., PA
717-235-4534

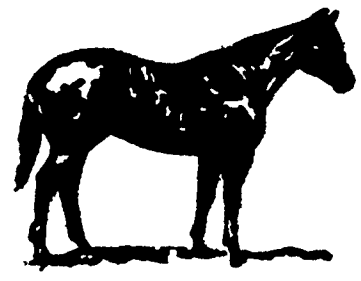


**JEN-AIR ACRES**



**REG. QUARTER HORSES**
Horses For Sale
Stallion Service
R D 2, Box 179
Berks Co
Bernville, Pa 19506
215-488-6914





**SAT. AUGUST 15**
1 p.m.
**Registered Quarter Horse Sale**
at Frying Pan Park,
Herndon, VA
by
**Professional Auction Service**
703-777-6975

## SHEEP & GOATS

BLACK SHEEP stud service, breeding stock, lambs, Fleeces, yarns - York Co (717) 229-2202

## SHEEP & GOATS

Triplet Registered Nubian doe kids, $80 ea or best offer 2 mixed kids, $25 Amos Lapp, 1561 E Newport Rd , Lititz

## SWINE

YORKSHIRE AND LANDRACE boars and gilts of all ages Pseudorabies negative tested boars for sale at all times Production tested, certified meat tested, Show winners with many carcass champions Daily drive-in and drive out service Reno H Thomas, Beavertown, PA 17813 717-658 5821

For Sale - Registered Reg Duroc bred gilts, due Aug and Sept delivery can be arranged, Call 717-733-2310 W F Ruoss, 126 Irene Ave , Ephrata, PA 17522

125 Hampshire Yorkshire open gilts Also service age boars of both breeds John Strawbridge, Stewartstown, Pa 17363 301-996-2022

## SWINE

For Sale Duroc boars & gilts Sweigard Durocs, R D 3, Box 639, Halifax, Pa /17-896-3365

For Sale - Feeder Pigs We aim to please 304-586-2823

SERVICE AGE BOARS Straight Irish or other foreign bloodlines No U S breeding in our herd Reno H Thomas, Brooks End Farm, Beavertown, Pa 17813 Phone. 717-658-5821.

Registered Hampshire, Yorshire, Landrace Boars and Bred gilts, Preston Bankert, Rd 3, Red Lion, PA 717-244-1244

If you have swine to sell or buy - check our swine column it is read weekly by thousands 717-394-3047 or 717 626-1164

## SWINE

DUROC BOARS and gilts, production tested, certified meat type show winning stock Bloodlines of the best in the U S Par-Kay Farm, Park F Thomas, Beavertown, Pa Phone 717-658-6544

## HOG EQUIPMENT & SUPPLIES

(1) 20 hole Smidley Hog Feeder with built-in bin, poor condition but usable, $60 00 Call evenings 717-872-8163

## HOG EQUIPMENT & SUPPLIES

Total confinement farrowing 10 sows, 20x24' oak slatted floor, temp control exhaust fan, building complete. Extra 16' feed augers, 10 outside heated waterers, 4 extra stalls, 10 portable gas heaters and other misc related equipment 315-686-3673.

## POULTRY & SUPPLIES

For Sale - 40 Case per hr. egg grader, excellent condition 717-375-2274

For Sale - Farm fresh eggs by the dozen, case, or truckload. Wholesale & retail. Will deliver quantity orders. 717-865-3488 Leb. Co.

For Sale- Used durable plastic poultry crates. Call between 9 A M. & 3 P M 717-626-5466

Goslings, Ducklings, Turkeys, Guineas, Chicks and Bantams David Hartman, Clearview Stock Farm & Hatchery, Box 398 Dept L F., Gratz, PA 17030. Ph 717-365-3234

For Sale- Muscovy ducklings from a blood tested flock. Phone 717-665-6648

Hart cup drinkers enough for approx 5000 to 7000 chickens, $200, takes all with pipe included Mark Ford, Rd 2, Sayre, PA 18840. 717-888-2917

For Sale - 700 H & N pullets, 20 weeks old by Aug. 4 & 1000 for Sept. 22 Henry K. Beiler, Rd 1 Box 120, Christiana, PA 17509 along Vintage Rd

For Sale- 10 lines of Chore Time feeders, 70' to 230' Vent-o-matic fans, flex augers, solid augers Dauphin Co 717-367-5784

NEW LOW PRICES - Egg cartons, misprints $15-1000 New cartons $38-1000 717-665-5927 or see Eddie

For Sale - 12,500 quality custom grown DeKalb XL pullets 20 weeks old August 7. $2 40 each plus delivery. Call 717 397-1998.

Wanted - Week of Aug. 20 40,000 started pullets, 20 weeks old Terms C O D 914-434-8220

NEW LOW PRICES - Egg cartons, misprints $15-1000 New Cartons $38-1000 717-665-5927 or see Eddie

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# WOOL

**Buying Wool, any quality fleeces need not be tied.**

**West Earl Woolen Mill**

**R#2 Ephrata, Pa. 17522**

**717-859-2241**

---

For Sale - yearling registered Suffolk rams, proven breeders and 2 registered Suffolk ram lambs. 717-656-2411 between 8 AM and 5 PM Ask for Donna

Dairy Goats For Sale - Purebred Nubian and Toggenburgs, milking does, young does and 2 breeding bucks, one or entire herd Good price, 717-938-4558

Black Lambs for sale, Romney/Corriedale cross breeding stock, spinning quality wool, Perry Co 717-582-4363

Quality Suffolk twin ewe lambs, born Jan and Feb Ready for fall breeding 717-648-3618

For Sale - 1 buck sheep, 2 buck lambs, $65 each, 717-626-2369

Alpine Buck, 3 mo Sire Fox Hill Zachary Dam Almar Acres Fiona - excellent first freshener 215-459-2135

For Sale - 3 Hampshire ewe spring lambs, good breeding stock, 717-665-5960

20 ewe lambs, 6 months old, from Western Blackface ewes bred to registered Dorset ram $85 00 Columbia County 717-864-3428

Sheep For Sale - Some registered, 717-927-6613

Stud service Natural colored ram 1980 Wool Festival grand champion ram lamb Harford Co , MD 301-557-9311

Have two Pygmy buck kids Will sell both or trade either for an outcross buck kid for my herd 609 769-1452

For Sale - Purebred and grade Alpine milkers, buck and doe kids, York Co 717-757-1960

## SWINE

For Sale
**Duroc and Landrace Boars**
from production tested sires **Crossbred gilts** from Landrace or Yorkshire sired litters. Crossbred litters maintain a 9 plus weaning average over 400 litters per year
Dutch Valley Farm
Rd 5, Box 428
Manheim, PA 17545
717-665-6220 Mark
717-665-2588 John

20 Yorkshire bred gilts due to farrow July, August, September Miller's Yorkshire Farm, Rd 1 Box 1366, Spring Grove, PA 17362 717-225 1926

Yorkshire Boars and open gilts, breeding age and younger Miller Yorkshire Farm, Rd 1 Box 1366, Spring Grove, PA 17362 717-225-1926

For Sale - Spotted service age boars, delivery available Clair Hartman, Gratz, PA 717-365-3234

Quality service age Chester White Boars Proven bloodlines, delivery available. Contact Ed Hildebrand, R D 2, Biglerville, Pa 17307 Ph 717-334-3984

For Sale Duroc bred gilt Bred in April and May. Some due soon Out of excellent breeding PVR negative Herd #34 Validated herd #133 Rick Pfautz, RD 1, Stevens, PA 215-267-3739

Farrow house with 24 stalls and four acres in Franklin Co , available for rent or lease 717-762 2260

For Sale - 3 month old 2 way cross boars Landrace-Yorkshire, 12 feeder pigs about 60 lbs , $45, Appaloosa stallion 717-362-3149

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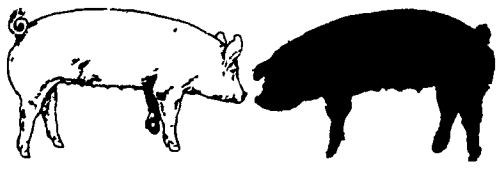
## YORKSHIRE BOARS - DUROC BOARS



**QUALITY** - Our hogs are marketed at Hatfield Packing Co. 95% #1. No. T.B. **PRODUCTION** 1979 - 131 Litters, wean ave. 11.3 1980 - 97 litters, wean ave. 11.5 1981 - 48 litters, ave. wean 11.1. **FEED EFFICIENCY** 1976 PA State Test Station Most efficient pen purebred hogs 2.96# feed/lb. gain. 1979 top boar, PA State Test Station, 2.63# feed/lb. gain. 1980 Top Boar Delaware test station 2.24# feed/lb. gain. **HEALTH** Vaccinated against Lepto, Erysipelas, and Rhinitis, Brucellosis free herd #101. Negative tested for Pseudorabies.
Approx. 100 boars available at all times.

**Call or Write**

| Yorkshires | Durocs |
|---|---|
| Leon L. Arnold | Lawrence Arnold |
| Rd 7 Box 705 | 1245 Cumberland St |
| Lebanon, PA | Lebanon PA |
| 717-273-5880 | 717-272-9827 |

**Next Production Sale August 21**

---

**WILL YOU BE THERE WHEN IT HAPPENS?**
**Higher Hog Prices in 1981-82**
**Lease Your Sows Now!**
**Call or Write**
**East Coast Hog Service**
**409 Clay Rd.**
**Lititz, PA 17543**
**Ph: 717-626-6566**

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**Looking for Feed Mill or Pig Producer to Contract 800 Head Finishing Unit**
**Write to:**
**Lancaster Farming**
**P.O. Box 366 R-71**
**Lititz, PA 17543**

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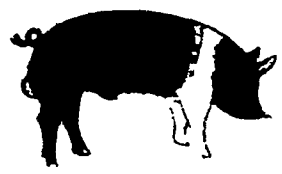
For a **productive** 1981...
Add a HAMPSHIRE BOAR to your herd.



Good selection of SERVICE AGE BOARS AVAILABLE. Gilts presently all sold until late summer. (Top Indexing Hamp Pen at O.S.U. Test Station w/81 144 Days to 230#, BF .81, LEA 5.8, 65% Lean Cut)

**HAMPSHIRE HAVEN** Val. #466 PRV #81
**Bryan Eick & Family**
**8619 W. Old Lincolnway**
**Wooster, Ohio 44691**
**Phone (216) 264-9206**

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**DUROC & SPOTTED BOARS**
**Duroc, Spot, Crossbred Gilts (delivery available)**
**BOURBON SPRINGS FARM**
R2, Newville, Pa. 17241
Kenneth Ketterer
Phone 717-423-6250

## ARTIFICIAL BREEDING

10 units Elevation, stored at stud, 8 units Ivanhoe Star $75, Call 215-847-2619

For Sale - Seaman - 6 Elevation, 3 Glenndale, 40 Jet-Stream, 10 Job Ephraim Stoltzfus, Honey Brook, RD #3 Box 74, Penna 19344 two miles east of Honey Brook on Rt 322

## ARTIFICIAL BREEDING

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**ZIMMERMANN'S SEMEN EXCHANGE!**

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|---|---|
| SWD VALIANT | 150. |
| TRADITION | 70 |
| CARLIN M. IVAN BELL | 65. |
| SEXTATION | 60. |

Ship or deliver anywhere in U.S.A.
**Philip Hershey** **814-848-9736**
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***★ COMPLETE AUTOMATION FOR WATERING, FEEDING, VENTILATION***

## POULTRY & SUPPLIES

## POULTRY & SUPPLIES

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**HISEX!**

Don't get us wrong. We're not in favor of higher feed cost. But we all have to face facts. While you're facing them, consider these facts about Hisex performance against the other best known white egg layers in the recent Canadian and North Carolina Random Samples With Hisex feed conversion and egg production are so much better, you convert your dollars best of all! So ask your Hisex Distributor or Representative to show you all the facts about today's Hisex White, the bird that makes your feed bills easier to live with!

**Canadian Random Sample**

| | Feed Conversion | Eggs/Hen Housed | Hisex Advantage/ 10,000 Layers* |
|---|---|---|---|
| Hisex | 3 80 | 256 8 | — |
| Layer A | 3 96 | 240 6 | $ 8,550 00 |
| Layer B | 3 96 | 245 2 | 6,939 72 |
| Layer $C_1$ | 4 10 | 227 3 | 15,724 36 |

**North Carolina Random Sample**

| | | | |
|---|---|---|---|
| Hisex | 3 68 | 271 0 | — |
| Layer A | 3 95 | 265 3 | 10,249 00 |
| Layer B | 3 78 | 255 6 | 7,189 98 |
| Layer $C_2$ | 3 85 | 257 5 | 7,785 00 |
| Layer D | 3 89 | 223 8 | 20,299 86 |

*Assuming 20 dozen eggs per bird @ 42¢ per doz with 9¢ per lb feed cost

**be sure with** **hisex**
Pilch, Inc , Troutman, North Carolina 28166
(704) 528-4501 • Telex 57-2323 • Cable: PILCHIX

## POULTRY & SUPPLIES

**Wanted-Heavy hens**
We buy, sell and haul all kinds of poultry Yank's 215 494-4578

BABY CHICKS - Hubbard Leghorns, Golden Comets, Sex Sal, Hy Line Leghorns, Barred Rock, White Rock, Reds and 10 other breeds Also turkeys, ducks, geese, guineas, and game birds CASE HATCHERY, 79L Brodbecks, Pa 17308, 717-235-2050

**Sell direct to us for cash.**
* Fowl
* Pigeons
* Bantams
* Pullets
* Capons
* Rabbits
* Guineas
* Chuckers
* Turkeys
* Lambs
* Goats

**JACK MINTZ POULTRY**
**215-267-4784**

## FEED & SEED

Wanted to Buy Ear & shelled corn 814 765 7845 Mon thru Fri 9 A M to 5 P M

Straw can deliver, 200 tons 215 767-1408

2000 bu high moisture corn, 814 472-6752

For Sale - 35 acres of field corn for silage 717 426-1539

For Sale ear corn, shelled corn, fertilizer, seed wheat and barley, beef by side, $1 20 per lb Call 717 444 3968

Paint industrial quality for wood, metal or block $2 00 gallon, by the drum, ear corn $100 ton Ph 412 872 9626

For Sale - Seed wheat, cleaned and treated, Hart and Redcoat, Cumberland County 717 766 4907

For Sale - New corn high moisture ear or high moisture shelled from this falls crop Dairymen order your corn needs now 814 472 5244

For Sale - 80 tons nice ear corn 717-354 8897 after 5 30 P M

For Sale - Large grain rye seed bulk or cleaned and bagged Ear corn or high moisture shell corn 717 733 4516

For Sale - Silage, $30 at the silo 717-529 2862

For Sale - 100 ton excellent quality corn silage 717 687-7260

Ear corn for sale at farm near Lancaster 717 872-5675

For Sale - 30 ton ryelage, tested, $30 per ton 717 733-7012

Wanted to buy - Alfalfa and heavy mixed hays at farm by trailer load in S Central PA area Call J H Mears 703-347-1414

Ear Corn at the crib, excellent quality, Oxford area 215 932-9762

For Sale Balboa seed rye, 200 bu cleaned or uncleaned Lebanon Co 717-933 8948

**FOR SALE**
Ridomil 2E
Trithion
Bravo
Banvel
Eptan
Round Up
Butarac 200

Other Grain Materials
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## FEED & SEED

16% pasture nutrient balancer, wholesale, retail Telephone collect for name of dealer 301 343 0343

Buyer of shelled or ear corn John J Hoober, Inc , Gordonville, Pa Ph 717 768-8481 or 768 3216

For Sale Bright Wheat straw, will deliver Stump Acres, York Co 717-792 3216

32% LIQUID PROTEIN from manufacturer Wholesale, retail, dealer inquiries invited 301 343 0343

Wanted Ear corn, good quality only Will pickup at your farm Ken Miko, RD 3, Schuylkill Haven, Pa 717 739 4586

**ProLasse 8%**
All Natural Molasses Base Liquid Protein Make sweet feed with an P T O mixer, From manufacturer Wholesale, retail, dealer inquiries invited 301 343 0343

For Sale straw, Bernville, Pa 215 488 1965

16% protein haylage activator, wholesale, retail Telephone collect for name of dealer 301-343-0343

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100% Protein - Liquid silage fortifier, wholesale - retail Call collect for name of dealer 301-343 0343

Corn silage $40 ton, 215 593 5345

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Receiving Daily
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**WANTED**
**Corn Cobs**
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Good Quality Only
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**FOR SALE**
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**SELLING HIGH MOISTURE CORN**
Will Deliver
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Berks Co.

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If no answer 717-529-6305

**CUSTOM GRAIN DRYING AND STORING**
Fast Unloading and Loading
225,000 Bushel Storage Capacity
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**SAWDUST**
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Discount given for quantity
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**RB TRUCKING**
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**HIGH MOISTURE SHELLED CORN**
new pneumatic blowing with only 3% fines, will have new corn to contract or sell out of the field.
Will deliver
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Will pickup
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Lancaster Co

**HAYLAGE FOR SALE**
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3. Top market Price
4. Private Storage
Call 717-626-8538

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Shelled corn and soybeans
Dealer in small grains, contract or spot purchase.
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**M & R GRAIN**
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★ CORN
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FEED & SEED

FEED & SEED

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HELP WANTED

Area Sales Manager position Aggressive, creative & highly motivated person to sell field-bottom unloading silos in 16 County area Prefer Bedford Fulton Co residence as this would be the center of the area Must have agricultural background & have at least 10 yrs of successful selling of agriculture products Pay & benefits commensurate with ability, experience & productivity Reply to Box 366 JH 137, c/o Lancaster Farming, Lititz, Pa 17543

Wanted person for modern dairy farm, milking and field work, salary depending on experience and ability, references required Housing available 215-256-6831

Housekeeper/companion Prefer person over 30 No objection to someone who has children Reply J R Thompson, RD1, Box 174, Huntingdon, Pa 16652

Position available for experienced working farm manager on a grain and cattle operation Salary based upon experience and ability Send resume to P O Box 193, Germantown, Md 20874 "

Needed, someone to manage & care for 1 50,000 Broiler Bird Operation on Maryland's upper Eastern Shore Good buildings & equipment, housing, salary & benefits provided to the right individual only Those with poultry experience need apply Call after 6 P M 301 275-8208 ask for George T Smith

Sales Rep or distributor for material handling carts in poultry industry Pullet carts & egg racks & other custom fabrications available in steel, stainless & aluminum Contact Glenn Vanderploog, Cumberland Corporation Pleasant Lane, Newfoundland, NJ 07435 201 697 8224 or 201-697-2283

HELP WANTED

Experienced married person for herdsman on 200 cow modern dairy operation, small family, references required, 301-874-5229

Ambitious workers needed to pick tomatoes For more information call 717 284-4858 anytime

Person for dairy and general farming Ph 717 297-2943 or 297 4323

Experienced person for dairy farm, stall barn with pipeline, Lancaster Co, House available, salary plus extra benefits Prefer young Christian couple with references Write Box 366 A 9 Lancaster Farming, Lititz, PA 17543

Person to parttime milk registered Holsteins, experienced in AI, herd health, feeding, calf raising, etc, excellent salary, full medical insurance, pension plan, etc Baltimore Co 301-922 6685

Working Manager for dairy farm, top salary for person qualified to assume responsibility Box 366 R 69, Lancaster Farming, Lititz, PA 17543

Fulltime person for dairy farm Experience required 717-898 6000

Person to do gardening Limited maintenance and tree cropping on organically operated farm Good living work conditions Couple preferred References P O Box 52, Dickerson, MD 20842

Person 18 years or older to work on farm, no dairy, room and board provided Ph 717 225 1845

Truck drivers for custom harvest run, good pay plus room and board Raymond Fritz RR 1 Bazine, Kansas 67516 913-398 5232

Wanted Person to work on dairy farm, must be experienced in milking and general farm work, good wages and housing 301-592 8170 after p m

HELP WANTED

Needed salesman on part time basis to sell steel and woodframe buildings Will pay commission on sales Lancaster Farming, P O Box 366 K 2, Lititz, PA 17543

Person needed for general farm work Milking included Must have experience Will provide house, utilities and competitive salary York area Lancaster Farming, P O Box 366 A8, Lititz, PA 17543

Herdsman for small reg Holstein herd-general farm and field work, house, utilities and wages, Central NJ Call after 8 30 p m 201-725 6888

Need farm hand for milking and field on 90-cow dairy farm Must know pipeline, field equipment, and minor repiars Reply with family size, availability and compensation needs RD 2 Box 199, Linden, PA 17744

Farm Hand, diversified duties, tractor & machinery operation, field work, animal care & feeding in large beef, sheep, swine & poultry operation, excellent benefits Contact Peter Sepe, Farm Manager, Coop Ext of Suffolk Co, Suffolk Co Farm, P O Box 129, Yaphank, NY 11980 Ph 516-924-4300 ext 504 or 516 924-4534 eves

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Herdsperson wanted to help manage 80 cow reg Holstein herd, house available 215-847-2673

Individual with farm experience for operation of modern layer house in Lancaster Co Reply to Box 366 J-183, c/o Lancaster Farming, Lititz, PA 17543

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**SALES MANAGER**

Aggressive, creative & highly motivated sales manager to manage a selling team who are marketing a concrete-oxygen controlled silage management position. Basic responsibility will be to implement our marketing plan with special emphasis on the recruitment & training of salesman Sales management experience is essential A background in animal nutrition helpful Salary commensurate with experience

**Send Resume to**
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**Pennsylvania company, engaged in farm equipment systems, seeking two experienced representatives able to promote our products in this area direct to farmers and established dealerships. Training provided. Remuneration $20,000 to $50,000 based on performance. We provide truck and equipment. Send resume to**
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HELP WANTED

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**Forward resume to**
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Assignments to include news and features.

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**Editor**
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**P.O. Box 366**
**Lititz, PA 17543**

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Herdsman for 100 cow registered Holstein herd, S Lancaster Co Experience necessary Edgefield Farms 717-786 3591

HELP WANTED

Wanted - Young married experienced dairyman for Registered Holstein herd & general farming House & utilities Ph. 717-349-7225

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**Person with management ability for large dairy, should be familiar with all phases of herd health, milking, records and AI. Benefits include excellent salary, pension plan, family health plan.**
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Notice Dealers wanted in Central and Eastern PA and MD for sales of concrete stave farm silos Prefer Ag-business related persons Write P O Box L-163, Lancaster Farming, Lititz, PA 17543

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1964 Chevy camper self contained, sleeps 6 with stove, refrigerator, heater and canopy Playmor camper with stove and table, sleeps 4 Straley Farm Supply 717 292-2631, 292 4443

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Young man with agricultural background desires position in agriculture related field Has experience with field machinery and barn equipment installation Past state FFA officer who enjoys working with people. Write PO Box 366 R-66 Lancaster Farming, Lititz, PA 17543

Young male seeking employment with AI stud or as DHIA tester. Farm experience with vocational diploma in Dairy Herd Management Write Box 366 R-68, Lancaster Farming, Lititz, PA 17543

Young married man desires employment on dairy or grain farm with partnership or owner retiring in the future, willing to relocate, excellent references Call after 6, 717-642-5429

Gentleman from South Carolina who phoned 215-373 4935 for companion/housekeeper in Reading please call back

Married man looking for good opportunity on dairy farm Experience in milking, calves, fieldwork Wife also experienced Will relocate Phone evenings 201-852 9254

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Graduate in horticulture seeks full time farm greenhouse or roadside market position in Penna area 5 summers experience W Troxell, 1140 S Atherton St, State College, Pa 16801 814-234 2156

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AUSTRIAN ORPHAN GIRL, 19, intelligent, earth-loving & hard-working, would like to come to U.S. & complete High school here. (Sr. year) Looking for family, willing to take her in. Preferably in the country or on a farm Speaks English well Loves to work with animals Anyone willing to help this girl, please write to: German Language Society Box 636, Nuremberg, Pa 18241

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Farmstead Dealership available for North Hampton County Write Box 366 J 181, c/o Lancaster Farming, Lititz, Pa 17543

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For Sale - an old established feed business in central PA Owner for 30 yrs retiring Partial financing available Old Port Milling Co, Port Royal, PA. Liberal interest rates Reasonable offer acceptable Phone 717-527-2274

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## TRUCKS & TRAILERS

4 RF 200 IH tandem truck, 450 engine, 5 main 3 aux , 12F 34R P S , 106 CA $3000 each, 1 White tandem tractor, V8 gas, 5 main, 2 speed rear, air tandem axle $2000, 2 White tandem dumps, 5 main, 3 aux 12F 34R 6 C Y engine $3000 each, John Stapf Corp Harrisburg, PA 717-234 6281

For Sale - 73 White cab over, 7400 series, 270 Cat, twin screw, 13 speed, new 10 00 x 22 rubber, new paint, complete major, 15,000 miles 215-445 4280

For Sale - 69 Chevy C60, 427 cu inch, 24' flat dump with winch, air brakes, 10 00 x 20 tires 215-445 4280

B 67 Mack Tractor 10 speed diesel $2000, GMC tractor, 5 & 2 speed Diesel $2000, 24' grain dump trailer $4500 717-865-6710

1974 Int flatbed dump truck, 12 ft bed & 6 ft sides, 5 speed single speed rear, 8 cyl , $5500 Excellent condition 301-357-4035 or 301-329-6005

For Sale 1973 Dodge 600 heavy duty truck, with 20" aluminum livestock body, 215-598-3951

## TRUCKS & TRAILERS

1975 Ford LN800, 389 V-8, 5 speed, PS, air brakes, rated at 34,000 GVW, 52,000 original miles 1971 Int 1890, 345 V-8, 5 & 2 speed, 10 00 x 20 tires, 16' cab & chassis 1971 Int 2110 tractor, 477 V-8, 5 & 2 speed, 10 00 x 20 tires, PS, air brakes, 37,000 original miles 1977 Int 1800, 466 V 8, 5 & 2 speed, 10 00 x 20 tires, PS, air brakes, 38,000 original miles 301-877-9889

For Sale - 1978 Int 1700 loadstar, 20' Used Aluminum cattle body, 12' used wood cattle body, 20' used wood cattle body, 21' used aluminum cattle body, M H Eby, Inc , Blue Ball, PA 717 354 4971

School Bus with rear cut out, make ideal hay truck $600, York 717-757-1960

Wagon Trailer - New four wheel Freuhauf full trailer with steering, front bogie and tow bar, deck 28'x8' Capacity 20T Tires front 10 00x22, rear 11 00x22 Call Ed Eustile, 201-752-3600 Hoffman Equipment, Box 669, Piscataway, NJ

## TRUCKS & TRAILERS

1977 Ford L8000 PS Diesel 18 Body $9500 00, 1973 Ford F 600 14' Flat Dump $4500 00 1971 Mack RD 685SX 15 Bed 55 Rears, 1970 Chevrolet Tandem 427 15' Dump PS $2975 00 14' Steel Dump With Hoist $1000 1975 Freightliner 318 Tandem $10,500 00 1975 Ford L9000 290 Diesel Tandem $9500 00 28' Aluminum Dump $6500 00 20' Steel Dump Tandem $2500 00 1977-45' Flat Tandem Trailer $7500 00 35' Tandem $1250 00 1969 Mack F Model 22' Van very Clean 673 With Blower $7500 00 Others, Trade, Finance, 814 793 2829 Curry-Supply

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For Sale 1976 Chevy 60 series 16' grain rack with twin cylinder platform dump In excellent shape with 30,000 easy miles Call 607-369-9454

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76 Ford truck engine, 360, newly rebuilt, approx 200 miles $550, 3 Core radiator, like new $90, rear axle, $125, 717-587-4839

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PHONE 717-367-1808

## TRUCKS & TRAILERS

1975 Int Transtar 2 COF-4070B, NTA 400 Cummins, 13 speed, complete major 7500 miles, new radiator, power steering, 160" wheel base, 22" rubber, Trailco 40' alum van trailer, 6 hatches for top loading. 717-528 4407

For Sale. 1958 Dodge truck chassis 17000 G V W runs needs brakes 318 V-8 engine good rubber $800 215-252 4252 Northampton Co

For Sale Used 40' open top space van trailer with 24' drop frame 10 00x20 tires, call 717 393-7452 eves

For Sale 6 tandem axle flat trailers, 30 45' long, 2 40' open tops, 4 40' van trailers, 2 possum belly livestocks for corn cribs, 1900 Int truck tractor, Storage trailers for sale or rent Keens 717 626 5420

67 Int T T 549, 5 & 2 speed, wet line 10x20's single axle $3,000 215 598-7773 call 7-9 P M

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Used 12' stake body new oak floor painted and ready to go mounted on your chassis $850 J R Opp Co , RD#1, Muncy, Pa 17756 717-546-3397

For Sale- 20 ton low boy semi trailer eight wheeler, inspected, $2800, Dy-na hoe 160 loader and backhoe, good condition, $12,000 Lebanon Co 717 273-6018

1979 F-150 Ford 4x4, PS, PB, radio, less than 10,000 mi , $6500 Phone 717 354-8468

For Sale - 1977 1850 Loadstar Int DT 466 diesel engine, long wheelbase, roadranger transmission, chrome bumper and grill, AM-FM 8 track Cheap at $13,000 Call 717 354-0364

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Wanted - Indian motorcycles or parts any condition Scott L Loughead, 407 N Five Point Road, West Chester, PA 19380

## TRUCKS & TRAILERS

- 1978 Chevy C65 w/21 ft cattle rack, 366 V8 5 speed trans , two speed rear, 27,500 lbs GVW rating
- 1978 Ford E150 Van, 6 cyl auto, 19,000 miles,
- 1979 Chev 4 wheel drive Suburban loaded,
- 1977 GMC ¾ ton Van, V8, Standard shift

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Lancaster, Pa
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IH diesel loadstar model 1800, with current inspection, IH truck model 1700 diesel with Swartz roll back bed, 1973 Mercedes Benz truck model 113, IH fleetstar model 2000 diesel, 1965 IH Scout model 80, 4 WD, Straley Farm Supply 717-292-2631, 292-4443

For Sale 1- 1976 Ford 6 cylinder pick up truck $700 1- 1975 Ford 350 stake body truck $1200 717-376-2411

40' dropdeck flatbed hay trailer, 20" rubber Fair condition, $2000 717-532-6257

For Sale - 10 ft cattle truck body with steel frame and cross members Calf box over cab Could be cut down and used as a stake body Phone 814 364-9333

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**1978 DODGE B-200 MAXI-VAN CONVERSATION.** Plush interior, automatic power steering, power brakes road wheels, tinted glass fancy tires roof rack Must be seen Sharp black with red accent paint
**$6595**

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**1980 DODGE D-50 SMALL TRUCK.** Tan in color, 4 cylinder automatic AM FM radio white sidewall tires Low miles
**$5495**

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**1976 DODGE** 4 wheel drive Ramcharger, 6 cylinder 3 speed power steering, AM FM radio
**$2480**

**JACK LOWRY DODGE**
**Jersey Shore, PA**
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## TRUCKS & TRAILERS

1972 Mack-Maxibyne, running gears in good shape, good tires, needs body work $5500, 717-229 2052 Call after 4 30 P M

Rebuilt V-6 305 C I GMC truck engine $1500 invested Best offer 215-756-4211 or 215 756-6612

1971 Ford LN900, 196" wheel base, very good condition, $3950, 1972 Int 1800 tandem dump good condition, $4500, 814-793-2339

## TRUCKS & TRAILERS

1966 White row tractor, full screw, 335, $5250, Centerville step deck, 38' trailer, $4000, Great Dane auger bottom grain trailer, $2500, Consab 40' car trailer converted to A 703-837-1484 or 837 2456

20' stock trailer, used only 1 trip 215-267-7311

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**(4) 1972 Diesel 2000 International's with 16 & 18 ft., new grain bodies w/230 Cummings Diesel motors also twin screw diesel with 20 ft. bodies - More than 10 grain bodies trucks of all sizes.**

**1975 Int. twin screw with 22 ft. Ref. body - more than 60 Ref. Trucks of all sizes to choose from.**

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IH R-190, 26,000 GVW, good condition, 18' steel bed, $1600 Chester Co 215-857-3929

1974 Freightliner with sleeper, 20' rubber, sliding 5th wheel, air conditioned, Imron paint, Budd front, low mileage 717 626-5466 between 9 A M & 3 P M

## TRUCKS & TRAILERS

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## TRUCKS & TRAILERS

8'x10' tag along trailers, electrical brakes and light, suitable for skid loader, also cleaned rye, wheat and barley seed Shelled corn for sale 717-872-5554, 717 393 1490

## TRUCKS & TRAILERS

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## TRUCKS & TRAILERS

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Pure Maple Syrup, post paid, gallon $20 00, ½ gallon $10 50, quart $6 50, pint $4 50 Maple cream and candy lb $5 00, ½ lb $3 50 Richard Tice, RD#3 Box 14, Troy, Pa 16947 717-297 2013

For Sale- Duplex steam pump $125, 7' JD grain binder, canvasses, horse truck $125, Claude Crist, Rt 5 Box 402, Lexington, VA 24450

For Sale Big Red post driver, like new, $200, IH 33 bar mower $100, Yamaha CT2175 motorcycle, runs good $250 301-452-8673 Harford Co

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**1978 Bronco,** 351 V8, 4 Speed, PS, PB, Lockout Hubs, AM-FM Stereo & Tape, CB . . . . . $4695

**1977 Chevy Suburban,** 350 V8, Auto., PS, PB, Dual Air Cond, Scottsdale Pkg., . . $5495

**1977 Chevy Bonanza Pickup,** 400 V8, Auto, PS, PB, Air Cond., AM-FM Stereo, Tilt Wheel . . . . . $5495

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Single axle diesel, conventional cab, 238 Detroit engine, 10 speed transmission, P.S., new paint, recent overhaul.

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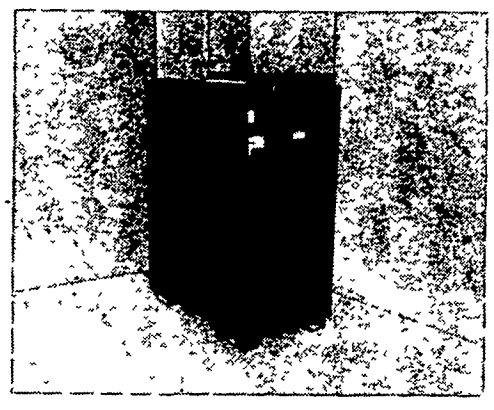

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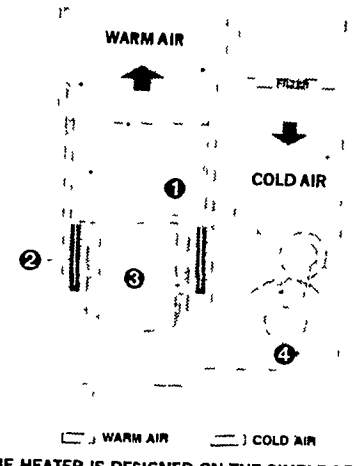


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Honey, local, un processed, mailed direct 1 gal (12 lbs net) $15 50 P P D, ½ gal $9 50 P P D Inverbrook Apiaries, R D 2, West Grove, Pa 19390

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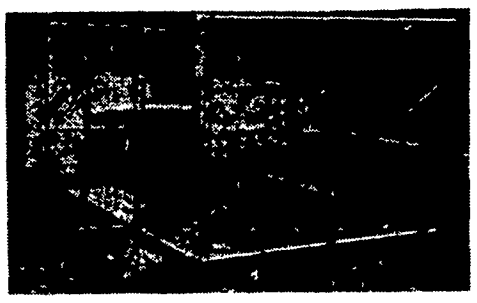

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## REAL ESTATE

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Stream & pond, 167+ acre layout Around 37 acres pasture, 130 tillable, little woods Owner reports $141,000 yrs gross income Well-kept 7 rms, new 100 yrs ago, bath, elec oil/wood heat, spring or well water, full bsmt 60 ft mobile home that rents Good big barn, silo w/unloader, Grade A milking, pipeline milkers, milkhouse, horse stable Available for $250,000 Negotiate for cattle & equipment STROUT REALTY, Broker, P O Box 165, Terra Alta, WV 26764 (304) 789 6177, Res 789 6733 Free Local Lists

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2 8 acre farmette, large remodeled house, barn, meadow, orchard, garden $78 00 Amos Lapp 1561 E Newport Rd Lititz, PA 17543

For Sale By Owner - 84 acre Montg County farm, 8 room stone house, bath, & barn Ph 215 754-7407

Buy this beautiful 160 acre valley farm at base of Tuscarora Mts 1 hour from Harrisburg just north of Chambersburg, 5 miles to PA Tpk 7 rooms and bath, oil heat, 110 tillable, 2 streams, level to rolling land, bank barn, cattle chutes and scales, deer and turkey plentiful 1 mile hard road frontage $179,000, $40,000 down balance 12½% 814 259 3311

For Sale 85 acres Modern dairy farm with silo, tobacco shed and implement shed Level land, 6 mi northwest of Lancaster Write Lan caster Farming, P O Box 366 R70, Lititz, PA 17543

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Dairy farm to rent or purchase with owner financing Dairy family with good herd of Holsteins need new home Farm must be capable of handling 40 60 milkers and have good housing for young stock Also 500 ton corn silage capacity House in good condition Have references Reply to Box 366, A 7, c/o Lancaster Farming, Lititz, PA 17543

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170 tillable, 20 acres woods, rest pasture, 64 tiestalls, heifering room for 27, bulk tank, pipeline, 2 silos 40x65 metal pole barn for machinery, garage 20x40 swimming pool, beautiful modern home with fireplace, 2nd house, also beautiful with 2 fireplaces, available Attractive place, located in a small Hamlet 20 mi north of Cooperstown, ; NY $200,000-$90,000 down Owner will hold mortgage 518 993-3979

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Blair County Farm For Sale- 164 acre dairy farm Limestone soil in high state of Cultivation, Grade A milk market, hard road and Clover Creek running thru the center Will accept sealed bids til 1 P M EDT Aug 15, 5% of bid to accompany bid Owner reserve right to accept and reject any or all bids All unaccepted monies will be returned Mrs Elizabeth Brenneman, Rd 1, Williamsburg, PA Woodbury Twp For Appointment 814 832-3271

For Sale by Owner 113 acre dairy farm in Essex County NY - 39 stall barn, 2 box stalls, milking equipment, 250 gallon bulk tank, 12x30 silo, ½ mile creek, 3 bedroom house in excellent condition, $70,000 Call 518 597-3326 after 6 P M

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**STONE HOUSE**

Huntingdon Co. 15 miles from State College, beautifully restored stone house for family plus 4 room all electric apartment, abundant spring water, second spring. Streams, farm pond, 100 tillable acres (predominant Hagerstown) 30 acres pasture, with barn and outbuildings. This is the house and farm for you! New Listing-late June 1981. Asking $260,000.

CALL
**TRI COUNTY REAL ESTATE AGENCY, INC.**
305 Penn St., Huntingdon, PA
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**FRANKLIN CO.**
270 acres modern dairy farm
77 acres with house & barn, good land
**LANCASTER CO.**
14 acre farmette N W of Elizabethtown
**Van Cleve Real Estate**
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**Top selection of dairy and other farms in Central N.Y.**

Lists Available Call

Farm and Rural Property Specialists
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Auriesville Rd
Rd 1 Fultonville,
N Y. 12072
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**MIFFLIN CO.**
**$29,500**

Modern veal barn, 104 capacity, all equipment included 10 acres with stream, no house, good building site Excellent opportunity No Sunday Calls
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**DAIRY FARM FOR SALE**

Bradford Co., Pa., 217 acres, new Bou-matic double 6 milking parlor, 2 Thermo-stor units, new 1000 gal bulk tank, new electric wiring in barn & dry cow heifer barn, fairly new 30x60 machine shed, 16x40 silo & unloader, new hay & alfalfa seedings, heavily limed & fertilized, one pond Two story home, new steel siding, windows & roof Completely remodeled inside, 6 rooms downstairs, one bath, 4 bedrooms, basement, overlooking lake
**Call Anytime**
**717-888-9312**

**170 Acre Farm**
**Millerstown, Perry Co.**

102 tillable, 70 in woodland, store your hay and straw bales in the 2 large mow bank barn and house your cattle, hogs or horses in the stable below. The 2 story coal heated home is equipped with a modern kitchen, 3 bedrooms, 1 bath with a very convenient back room

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or after 5 call
Doug (717) 249-7092

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**HUNDREDS OF MIDWESTERN**
Country properties! All are indexed by property type, size, location Complete with pictures & desc. Please specify type of property and location preferred. Ask for catlaog #56.
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3546 Watson Rd.
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1-800-257-7880
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**GOING DAIRY FARMS, COUNTRY PROPERTIES IN CENTRAL, PA WHAT ARE YOUR NEEDS?**

Call Carl Diller at
**KINGSWAY REALTY**
RE Salesman & Auctioneer
717-569-8701, 656-6717, 464-2233

**$268,000**
**Dover** - This 113 acre farm and restored stone home is a beautiful sight to behold It has 3 bedrooms and 1½ baths in Rich Colonial decor All in a setting along the Conewago

**$275,000**
**Windsor Borough** - Picture a farm with a stone home and frame tenant home on 72 acres with a pond and barns 1400' of road frontage possible sub division, possible owner financing

**$99,900**
**Dallastown** - Country beauty on the edge of town with 3 bedrooms, 1 large bath, large pond area, 2 story outbuildings plus seclusion and privacy on 16 rolling acres

**$82,500**
**Spring Grove** - 10 acre farmette with large 8 room house with beautiful view, plus a bank barn for your livestock Owner financing possible

**Ron Bradley Inc., REALTORS®** Better Homes and Gardens®
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**110 COW FREE STALL**

New 100 free stall barn with 100' automatic bunk feeder. Dbl. 4 parlor. Considerable youngstock housing. 3 large silos. Several equipment sheds Very good home., plus 2nd. home and mobile home. 100 cows, 40 head youngstock and full line of equipment and all crops for $475,000 Considerable financing available

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**Country Boy Realty**
MAIN OFFICE
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COBLESKILL, NEW YORK
PHONE 518/234/4371

(28-T) In PA. near Emmitsburg, Md. 24 acre poultry and fruit farm, 32,000 pullet capacity, approx. 8 acres of apples, 8 acres in hay, 5 acre pasture with pond. Large implement shed, garage, plus bank barn with loafing area for your livestock. Very nice 2 story home with 3 bedrooms, 1½ baths, den, rec room, modern kitchen, dining room and living room with fireplace. A must to see. $192,500.

(84-T) Near Gettysburg, PA. 49 acres of ground with nine room 2 bath stone house built in 1787 with 5 fireplaces in working order. Barn, supporting buildings, stream, woods and tillable land. Excellent condition. $198,500.

(76-T) 14 acre farmette near Gettysburg, PA. 3 bedrooms, 1½ bath brick home. Separate 4 unit rental, 2 car garage, barn and pond. $89,500.

(63-T) Looking for privacy? We offer this larger 4 bedroom, 2 bath home on over 3 acres near Fairfield, Adams County, PA. Very nice and only $64,900.

(55-T) 30 acres of woodland located West of Gettysburg, PA next to State Forest Lands. Asking $34,500.

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Fairfield, PA

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**LANCASTER COUNTY**

64 acre dairy and beef farm, located in Warwick Twp., near Lititz. Approx 56½ acres tillable, 7 acres buildings and meadow, type soil - limestone, terrain mostly level to very gentle slope, 2 story frame bank barn with attached steer corn barn, 2½ story double frame dwelling and 4 car detached garage, buildings in very good condition. Excellent owner financing Call today for details

**HORNING FARM AGENCY, INC.**
Main St., Morgantown, PA
215-286-5183
Merle Z. Eberly
215-267-6608

**185 ACRES EXECUTIVE FARM**

The luxurious country rancher is beautiful beyond description, 13 rooms, 3 baths including the modern in-law apartment plus a good dairy barn and other outbuildings, large stocked pond, just south of Rt. 17 in Wayne County.

Present owners operated a prosperous dairy farm here for 35 years, are now retiring and will finance this beautiful farm for you. Only $225,000

**PERFECT SECLUSION**
**143 ACRES OF BEAUTY**

A ¼ mile driveway leads to one of Lycoming County's most picturesque farms First floor of home completely renovated, 2 good barns, spring fed pond. Owner financing $136,900.

MANY OTHERS - throughout Penna.

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**LAND WITH COAL**

We have cash buyers for large tracts of land suitable for strip mining, located in Elk, Cameron, Jefferson, Clearfield or Cambria County.

For buying or selling, you will like our service Call anytime.

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"Farm and Land Specialist"
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**CENTRAL PENNA. FARMS**

**JUNIATA COUNTY**

**125 acre poultry and hog,** 10,000 broiler contract. New ranch house. Call Mr. Crawford.

**27 acre farmette.** Modern masonry house, bank barn, stocked farm pond. Call Mr. Crawford.

**MIFFLIN COUNTY**

**225 acre dairy,** , 27 tie, 3 silo, financing. Call Mr. Crawford.

**PERRY COUNTY**

**89 acre limestone general,** Amish neighbors, financing. Call Mr. Benner.

**109 Acres Woodland.** Call Mr. Orris.

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**FOR SALE**
**15+ Acres and Cabin $22,900. Excellent Hunting and Fishing. Near Juniata River and Lake Raystown. Call:**
**CENTURY 21**
Don Rapp, Realtor
Rt. 22 Huntingdon, PA
814-643-1004

62± acre general farm, private setting, large, 12 room home, coal or oil heat 30x60 bank barn, 35 tillable 15 pasture 10 wooded Possible owner financing 25% down 12% interest $79,000

20 acre farm 4 to 5 bedrooms beautiful setting bank barn, machinery sheds, corn crib, gravity water, 10 tillable, 8 pasture, 2 acres woods, $79,000 possible terms

Ringtown Valley, 176 acres, vegetable or crop farm, 88 tillable, balance wooded, bank barn and potato storage, lg pond, 7 bedroom double house, excellent water supply, possible owner financing at 10% $150,000

**Lykens Valley** **Price Reduced**

160 ± acre operating dairy farm, new 40 stanchion barn plus 40x100 hay storage barn, new 20x70 silo stream borders large 6 bedroom home secluded $400 000

Several 400 500 Acre Farms

150 acres 6 miles from Lykens Valley 90 level tillable acres + 20 pasture, house and gravity water to bank barn or rent with option to buy Amish Neighbor $235 000

**Plain Acreage**

49 acres secluded but near I-81 15 tillable, balance wooded, some timber, excellent deer hunting, possible terms at 12% interest $39,000

1 acre to 22 acres

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**178 AC. HUNTINGDON CO.**
1½ mi. to Raystown Lake, 72 till. 92 Woodland, Pasture, Perfect setting for campsight.
**SNYDER CO.**
**Total 229 Acres, silos, grain bins, these 2 neighboring farms (130 Ac. & 99 Ac.) could be worked together.**

115 Ac., Col. brick home, ideal loc. Appr. 1 mi. front, Rt. 11-15. View of the River Selinsgrove.

28 Ac. general, opportunity, can be divided.

**3 LIMESTONE FARMS**
**Northumberland Co.**
**in the same neighborhood**

128 Ac., 58 stall setup, lays nice. Poss. fin., make offer; 105 Ac., 100 steer, bl. silo; 100 Ac. general, 14x60 silo, 5 br. home, view of river.

193 Ac. + (85 rented Ac. avail. nearby) 62 stalls, heifer barn, nice home, Bradford Co.

123 Ac. going Danville Dairy w/50 stalls, rented ground available.

160 Ac. dairy, gen. Juniata off 322, nearby 72 Ac. front, no house, good location.

126 fert. Ac., bldgs., stream, own. fin., Col. Co.

50 Ac. Res. stone home, gentleman estate, stream, priced reasonable, So. Lanc. Co.

20 Ac. 300 fruit trees. ex. brick rancher, barn etc. Lanc. Co.

42 Ac. with stream, 6 mushroom houses which can show $60-70,000 net profit, new Cape Cod brick home, 4 br. home, Lanc. Co.

Wanted - a go getter with some down payment for this low price 108 Ac. farm - Danville area.

Several tracts of woodland would make nice retreat, Snyder Co.

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**FARM FOR SALE**
105 acres All tillable Includes house, barn, silo Delta, PA (York Co south of Rt 372) Owner 216-871 6471 or 216 221 9090

REAL ESTATE

Just below Mason Dixon line in Maryland Secluded 6 BR house on 4 acres of land Nice barn, machinery shed and chicken house Possible 12¼% interest financing $55,000 Call 301 658-5413

REAL ESTATE

If you're looking for a farm, land or have any other real estate needs, you'll find what you want in the Real Estate classifieds 717 394 3047 or 717-626 1164

REAL ESTATE

2 farms consisting of 120 acres of very fertile land, 2 sets of buildings for sale by the owner, John Strawbridge, 301 996 2022

REAL ESTATE

For Rent 4 room house, middle aged couple, nice yard and parking Neffsville, Lancaster Co , 717-569 1170

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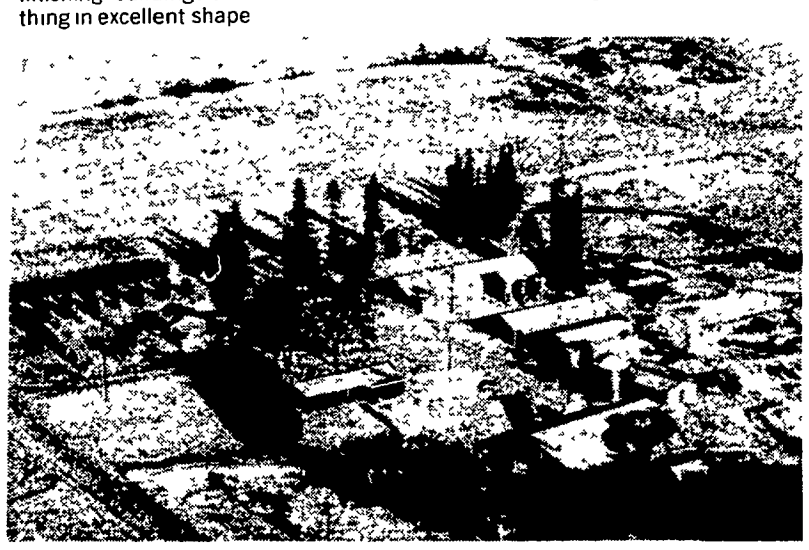
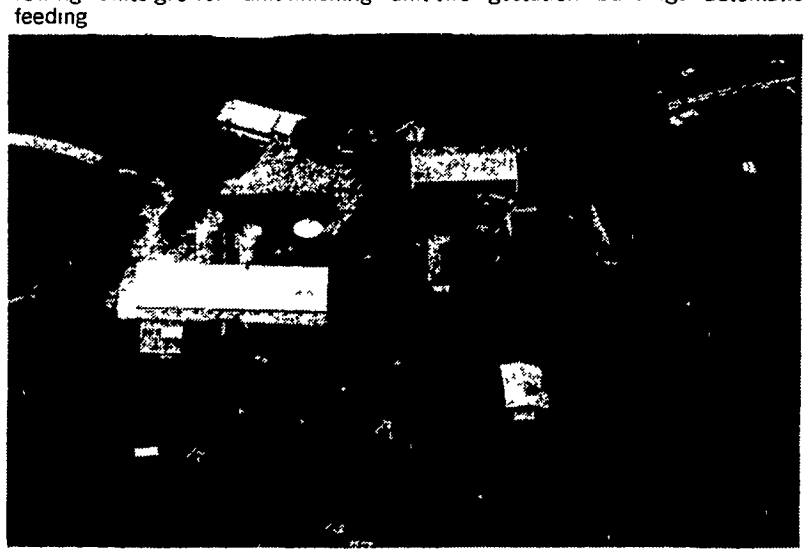
## SOUTHERN MINNESOTA LIVESTOCK FARMS IN THE HEART OF THE CORN BELT

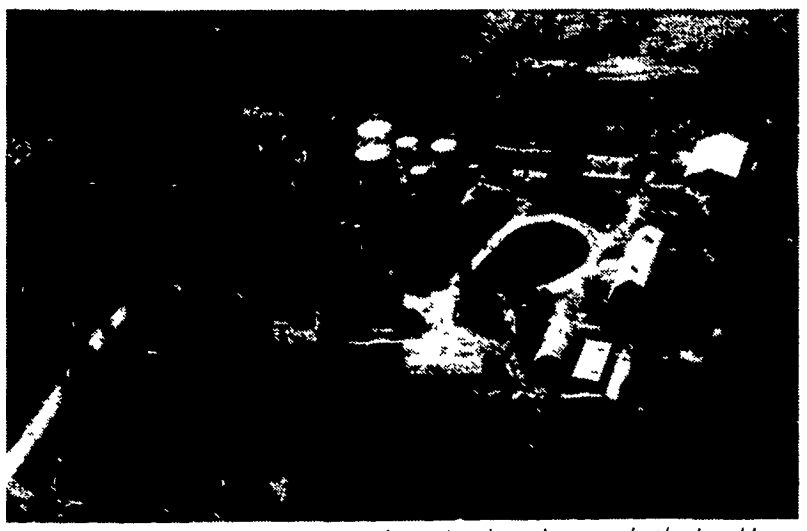
Ultra modern hog set-up with modern home-36x116 hog barn with pit 34x80 finishing buildings two Harvestores steel machine shed grain storage Every thing in excellent shape



86 acre complete hog facility two homes one Rambler built in 1974-Two farrowing units-grower unit finishing unit-two gestation buildings- automatic feeding



302 acre Dairy farm nearly new home 50 cow barn Harvestore and two stave silos machine shed mostly new buildings



237 acre stock farm Modern two story home two large barns pole shed and hog house Brand new grain handling set up

All of these farms can be bought on contract with minimum down payments
We have additional listings available

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**4 NEW LISTINGS**

82 Ac Limestone Soil beef farm, modern beef operation for 200 steers silo 26x80 w/unloader 80 bunk feeder 2 family dwelling with modern conveniences Land is all tillable with long field Lancaster County (NE of Lititz near Clay)

122 Acre Dairy & beef farm Bank barn has been for a dairy operation (needs remodeling), New modern beef barn w/100' bunk feeder, silo 24x70 w/unloader Cumberland Co Northwest of Newville

110 General farm, Bank barn with an added 1 story was used as a dairy (needs remodeling) All electric dwelling Perry County Northwest of Duncannon

38 Acre farm for steer & veal calf operation Building #1 a modern calf starting barn with room for 100 calves Building #2 Concrete block calf barn for growing calves Building #3 Remodeled bank steer barn for 80 steers 4 BR log house with modern conveniences Road Frontage along 2 roads Lebanon Co Northwest of Lebanon near Lickdale ½ mile from Rt 81 exit At Rt 72

**PERRY COUNTY**

130 acre modern dairy near Ickesburg, 120 acres tillable, 42 tie stalls, pipeline milkers, 120x70 & 110x40 Harvestore silos, large metal implement shed & shop Ready for todays dairyman **REDUCED TO SELL**

**LEBANON COUNTY**

24 acres near Frystown, 2½ story 3 bedroom house with modern conveniences, 2 mobile homes, 1 car garage & workshop

**YORK COUNTY**

69 acre general farm near Airville, Pa , 38 acres tillable, balance in pasture & woodland 4 bedroom house, bank barn, corn barn, 100 sow farrow to finish, 2 yr old University of Nebraska type hog operation Don't miss this one!

57 acre general farm near Delta, Pa 3 bedroom house, pond with stream in meadow, 25 acres tillable, balance is woodland

32 acre general barm near Norman Wood Bridge

**BERKS COUNTY**

75 acre general farm, 45 acres tillable, 15 acres wooded, 15 acres meadow, 3 bedroom house, large frame bank barn

31 acre farm w/campsite 2½ story dwelling, bank barn room for 160 campers Some full hookup some rented on permanent basis

**SCHUYLKILL COUNTY**

54 acre general farm east of Pine Grove, Pa 38 acres tillable, 12 acres wooded, no house, bank barn, 3 story poultry house, corn crib, 10x40 silo

**MONTOUR COUNTY**

10 acres, 6 miles North of Danville, opposite PP&L Lake Zoning approved for building An unusual opportunity to get a desirable property viewing a beautiful lake

**LEHIGH COUNTY**

**85 acre general farm, lg frame bank barn, modern dwelling w/kit & dining area, LV rm. 3 br & bath 75 a tillable, stream & meadow w/road frontage.**

**CLINTON COUNTY**

47 1 acres totally wooded, ideal hunting & fishing, borders State Forest land

**LANCASTER COUNTY**

25 acres between Mt Joy & Manheim, over 1000' road frontage, some tillable, woodland & meadow with stream, no buildings

13 acre farmette between Mt Joy & Manheim, 4 bedroom house, bank barn, garage & implement shed, road frontage on 2 sides

10 acres totally wooded near Schoeneck, Pa , 2 bedroom dwelling

8 acre farmette North of Ephrata, 3 bedroom stone house, large bank barn, tobacco shed & corn barn, meadow with stream An ideal rural setting

9 acre farmette near Adamstown, Pa , 3 bedroom house, bank barn, meadow with stream

77 acre dairy, 39 tie ins and stanchions, extra loafing area for 30 cows, 600 gal bulk milk tank, stream in meadow, 16x50 concrete silo, modern 3 bedroom house

123 acre beef and poultry farm, one 2 story lgr poultry house 40x204', room for 15,000 layers, one 2 story layer house 34x60', room for 4,000 layers, lg frame bank barn, set up for steers, lg 4 bdrm brick house, modern home in exc cond with lg rooms, also frame 3 bdrm modern house

Woodland (1) 6 & (1) 8 acre tract North of Ephrata
(1) 5 3 acre tract along Texter Mountain Rd

**Building Lots Perked & Approved for Building**
**S Newport Rd , Upper Leacock Twp**
(1) 1 4 acre approved for 4 units
(1) 17,000 sq ft lot
(1) 16,000 sq ft lot
W Cocalico Twp - (1) 1 1 acre lot
E Cocalico Twp - (1) 1 1 acre lot

Some properties are owner financed to qualified buyers

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Real Estate Broker
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or Paul Smith 717-933-8156

## MINNESOTA FARM FOR SALE

Outstanding beef feeding operation on 310 acres in Mower County Room for 350 total head with 200 head in confinement Automatic Van Dale feeding system, 3 cement silos with unloaders, new machine shed Remodeled, 2 story, 3 bdrm home Located in prosperous, friendly community with various churches and schools near, C/D Spring Possession

Have other farms available and receiving new listings regularly

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RR 2, Elkton, MN
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Norb Hamilton, Broker

## ST. LAWRENCE VALLEY

**OWNER RETIRING:** 478 acre dairy farm, 81 stanchions, (2) silo's, pipeline, (3) ponds, creek, nice home, extra house & barn Could be converted to free stall S&E or Bare

**LOTS OF EXTRAS:** 55 tie barn, good land, 2 wells, creek, pond, modern home, more land available $140,000.

**$115,500:** 165 acres, Buildings in excellent condition, 2 springs, creek, full line of machinery

**101 Acres** completely wooded Large house, good hunting, nice lake nearby. $39,600.

**FINANCING AVAILABLE:** 175 acre, 2 sets buildings, barn 10 yr's old, Stone house. S&E or Bare

**FOURNIER REAL ESTATE**
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## EASTERN NEW YORK OFFICE

**MOVE IN & MILK** 66 acre dairy has 10 acres wooded, balance open Very good 40 cow quanset barn with 2" vacuum line, 450 gallon tank, dump station Stylish Modified Gothic home Neat & clean farm $64,000 **JUST LISTED w/LOW DOWN PAYMENT**

**REGISTERED HOLSTEIN OPERATION.** 171 acre has barn with 44 very large stalls on pipeline, 14x40 silo plus 20x50 Harvestor, 10 heifer stalls Newer 7 room home in excellent condition Also 9 room tenant house **JUST LISTED AT $150,000** with lrg Assumable

**CALL SLOANSVILLE OFFICE**
**518-875-6355**

## CENTRAL NEW YORK OFFICE

**HIGH EFFICIENCY ONE-MAN FARM** 214 acres near Cobleskill, has 110 acres good tillable loam soil Excellent 54 cow barn has pipeline, 16x40 & 20x60 silo unloads to outside bunk Complete feeding system for 50 cows Fine 10 room home 34 milkers Y S 4 tractors nice line of machinery $220 000

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**315-822-5763**

## SOUTHERN NEW YORK OFFICE

**COMPLETELY EQUIPPED FAMILY FRUIT BUSINESS** 2400 bearing trees 40 varieties of apples cultivated blueberries bee hives Very busy newer roadside market with walk-in cooler Large barn with cider press Colonial home remodeled in the best of taste 2 tractors, truck, all necessary equipment $135,000

**CALL TRUMANSBURG**
**607-387-9303**

## ST. LAWRENCE VALLEY OFFICE

**SHOWPLACE FARM . SAME FAMILY OWNERS FOR 145 YEARS** 270 acres in a showplace farm area 240 tillable, high state of cultivation Excellent 64 large tie barn on 2" pipeline, 2 concrete silos 20x70 & 20x50 Harvestors with roller mill, paved & covered outside feed bunk, new 40x100 machine shed Stylish Federal colonial home with circular drive set under lrg maple trees 53 milkers 40 Y S 3 big John Deere tractors, exceptional machinery **JUST LISTED AND A RARE OFFERING AT $410,000 WITH LIBERAL TERMS.**

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REAL ESTATE

## FARM FOR SALE

105 acres All tillable Includes house barn silo Delta PA (York Co south of Rt 372)
Owner
216 871 6471 or
216 221 9090

## FREE

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## 107 ACRE DAIRY FARM

Bradford Co Pa 81 acres tillable all in 3 fields road frontage 48' x 57' bank barn 35 stanchions dumping station with new 650 gal cooler Exceptionally nice 4 bedroom home completely remodeled in 1978 This is one of Bradford County's nicest properties Asking $150 000

SOLD

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REAL ESTATE

**WATERFRONT GRAIN & CATTLE FARM:** 232 acres - 171 tillable, extensive farm bldgs , 2 acre pond, 45 acres fenced for pasture Comfortable 2 story home w/3 BRs, 1½ baths, central heat $550,000 MLS #90579

For further information please contact Bob McGinnis at

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Chestertown, Md. 21620
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REAL ESTATE

**UNITED® FARM REAL ESTATE**

**HUNTINGDON COUNTY:**
100 acre farm - bank barn - 3 B/R farmhouse has new furnace - pond. $98,500

106 acre farm - Big Barn - good house - Ex TERMS $10,000 down bal 15 yrs. @8% - 80 add acres for lease cheap. $89,500

96 acre dairy farm - 45 tie stalls - 20x60 w/unldr - 4 B/R house - $175,000

249 acres 120 tillable - good pasture - $650.00 acre

28 acre farmette on Rt. 45 at Spruce Creek - 2 houses - heated garage & shop - nice beef or horse barn $131,500

Large Hog operation - Start to finish - New Buildings - Level land - 30,000 bu. storage - state inspted scales - remodeled home - would make good dairy/hog comb.

**BLAIR COUNTY:**
175 acres in Cove - 140 tillable - Older dairy barn - Good churches & schools

**BEDFORD COUNTY**
500 acres - 5 sets buildings available - buy any or all.

250 acres - 100 tillable - some good young timber - stream - excellent for beef or sheep - would make good pine tree plantation.

117 acres - 90 tillable - terms

Farm Listings Needed
**UNITED FARM AGENCY of PA., INC.**
Real Estate
R D #1 Box 395 D
Roaring Spring, Pa 16673
814 224 4464

★ 112 Acre Dairy Farm, Berks County, Pipeline, Tie Stall, & 2nd Barn ..... only $248,000
★ Over 300 Acres, 1 Set of Buildings For Dairy, 1 Set of Buildings For Beef, Terms ..... $650,000
★ 12 Acres, With Good Bank Barn ..... $65,000
★ 40 Acres, No Buildings ..... $65,000
★ 235 Acres, Juniata County, Nice Home, Pond, 70 Tillable Acres, Sacrifice Price ..... $165,000
★ 223 Acres, Modern Dairy Operation .. $450,000
★ Small Pig Operation ..... $90,000
★ 26 Acres, No Buildings ..... $52,000
★ 27 Acres, Prime Land, No Buildings ... $85,000

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2230 5th St Highway, Reading, PA 19605
(717) 274-3622 — OFFICE — (215) 378-1122

REAL ESTATE

## COME SEE WHAT THIS FARM OFFERS

310 acres, 100 riverflat, 74x170 barn with 112 freestalls, milking parlor, 3 silos, 2nd barn ties 60 head Beautiful 2 family brick colonial home. $275,000

## DON'T WAIT ON THIS ONE

137 acre farm, 120 tillable, barn ties 52 head, bulk tank, barn cleaner 2 silos, very nice 4 BR house with oil and wood heat $150,000

Send for free property list

**McKEE REALTY**
**Roger McKee Broker**
Main Street
Cincinnatus, NY 13040
607-863-4181

## CLINTON COUNTY FARMS

**NEAR MACKEYVILLE**

113 87 acre farm with large farm house in very good condition The home consists of a 14'x21' living room, 15'x21' dining room, 10'x24' kitchen, 12'x15' den and ½ bath on the first floor Second floor consists of five bedrooms and two baths An ideal family home Land consists of approximately 81 acres tillable, 16-½ acres pasture, 12 acres waste and woodland and the home situated on 2 acres The home has a coal stoker steam heating system, has its own spring Spring has never been dry and is sufficient to take care of homes and farm requirements This farm is ideally located, a short distance from churches, schools and shopping areas One-half hour from Penn State University Approximately two miles from Rt 80

**LOCUST LANE FARM**

Along Route 150, five miles from Lock Haven Main dwelling consists of a 8'x16' entrance hall with half bath, 15'8" x24' living room and dining room combination, 14'x17' library and 11'x16' kitchen Second floor consists of three spacious bedrooms and 1½ baths. There is an attic for storage with a spacious cedar closet Basement with oil fired hot water heating system

At the rear of the home is a former carriage house, now used as a 19'x31' workshop on the first floor and an apartment on the second floor which consists of a 13'x18'6" kitchen and living room combination, included in the kitchen are a stove and refrigerator; 12'x17' bedroom and bath The 40'x60' bank barn can be used as a garage There is a spring house with ample water for all properties 70 acres tillable land, 13 acres woodland and 2 acres with the main dwelling An ideal situation excellent location, close to schools, churches and shopping areas

**ANTHONY A. TORSELL**
REAL ESTATE
7 West Church Street - P.O. Box 47
Lock Haven, Pennsylvania 17745
717-748-5350 or
717-748-6200

REAL ESTATE

**KEY REAL ESTATE**
108 York St Hanover Pa
632-6400
Gettysburg 334-8144
Westminster 301-848-0080
York 845-4810

L-3402 Adams Co. horse farm, 100 acres all fenced, 104 x 120 ft. horse barn with riding arena, bank barn, stone civil war home, modern rancher home with pool Nice setting at $310,000. May be purchased without rancher home and 10 acres for $230,000, 12% financing.

L-3162 Adams County Dairy & Layer Farm, 136 acres, large brick home, 22,000 bird layer house, dairy barn, silo, bunk feeder. Sellers will sell dairy & layer separately to two simultaneous buyers $310,000

L-3469-1 Adams Co , land 100 acres level 75% tillable, balance wood land. $135,000 Located near 136 acre dairy & poultry farm

Juniata Co. dairy, 85 acres, mostly tillable, large bank barn, large brick/frame home Fronts on Rt 75 and Tuscarora Creek, additional acreage available $100,000 L-3644

44 acre farm with stream and large bank barn Brick house with 4 bedrooms, would make a good horse or steer farm Call Paul Mikesell at 334-8144 about this one Our L-3144 at only $119,900 Evening hours call 359-4584

Office - 717-632-6400
137

## NORTHCENTRAL PA. FARMS & INVESTMENTS

Priced To Sell — Priced To Sell

**TIOGA COUNTY'S BEST** - 39 unit Mobile Home Court on 28 ac. Gorgeous Colonial style home, completely remodeled. New siding and beautiful lawns. Large back barn presently used for storage. All in A-1 plus condition. Owner financed at 29% down 13% int. 25 yrs. with 15 yr. balloon. Priced at $225,000. W-567 PH: 717-724-5921

**VEAL FARM** - Presently 120 HD operating Veal Farm with potential for 300 head or more in 3 large existing buildings. Contract available for sincere buyer Garage & workshop. Gas operated generator, 2 wells. Gorgeous 3 BR house remodeled in the best of taste, attached garage, much more All on 28 ac All ready to go for the young tiger Possible lease purchase. $79,500 W-570 PH 717-724-5921

**TIOGA COUNTY** - 140 acre dairy farm, 50 stalls, barn cleaner, 2 bulk tanks, milking units, 18x55 silo, 20x28 Harvestore, 3 bedroom house, partially remodeled, other out buildings, owner anxious. Only $140,000. W-545 PH: 717-724-5921

**$295 PER ACRE-FINANCED** - In ex. hunting area of W Steuben Co. minutes from Potter Co. 70 A tract features approx. 20 A lg pines & 50 A hardwoods. Perfect cover for deer & turkey. Streams nearby. 29% down, 10½% int. years neg. Reasonable offers considered. C-536.

**POTTER COUNTY DELIGHT** - Rolling 75A w/striking views 45A wooded. Easy access. Electric avail. Encased spring feeds pond & personal water supply. Game area for the avid hunter. Only $27,000. C574.

**NEW FARM LISTING** - 180 acre farm just west of Tioga County line Approx. 100 tillable. Good potato ground 60 acres pasture. 52 cow barn. Two 18x60 silos and a 16x40 Pipeline milker. Nice 3 Bdrm ranch house Approx $135,000 of existing FHA money Priced to sell at $150,000. PH 717-662-2138 M-911

CALL OR WRITE US FOR OUR FREE LISTS!

**The Real Estaters**

Offices: Area Code - 717
TIOGA & POTTER Counties call or write
WELLSBORO, 120 East Ave - 724-5921
WESTFIELD, 108 Main St - 814-367-2249
MANSFIELD, RD 1, Box 41 - 662-2138

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## CUMBERLAND COUNTY DAIRY FARM

126 Acres, Bank barn, 27 tie stalls, 12'x50' Silo, Beautiful pond. 2 story frame house-completely modern. Property has been under good management, and buildings are in excellent condition. Location is ideal. Possession-April 1, 1982.

## 70 ACRES

Cumberland County, Upper Frankford Township, 4 bedroom frame and aluminum house, Bank barn, 5 stall horse barn, 4 acres of orchards, 3 car garage, all buildings in excellent condition including a 1972 mobile home.

## 127 ACRES

2 houses, Barn, garage, wagon shed, zoned Residential/Suburban, located just outside the Borough limits of Carlisle and appx. ¼ mile off Interstate 81's Carlisle-College Street Exit.

## 18 ACRES

2 story brick house, garage, wagon shed and a stone barn. Very prestigious area and perfect for that small farmette that you always wanted in the middle of the Cumberland Valley.

## 84 ACRES

Cumberland County, limestone soil, house needs restoration but could be one of the area's best show places. House is all brick and has new roof, new porch and new windows. Call for additional information and exact location.

**OFFICE HOURS:** 8 O'Clock A.M. till 9 O'Clock P.M

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# TIOGA COUNTY

**ADJOINING STATE LAND.** 2½ acres all wooded with large hardwood timber. Located near Little Marsh. Excellent hunting. Owner financing available, $5,000. FREE CATALOG AVAILABLE.

## WM. P. CONNOLLY REAL ESTATE

P.O. Box 467
Wellsboro, PA 16901
Ph. (717) 724-2565

190 acre general farm, $228,000.

98 acre Amish farm, 28 stanchion dairy, $169,000.

170 acre fruit farm, apples & peaches, beautiful restored brick farm house, modern migrant quarters, manager available, 20 year financing package. Call now!

6-10 acre farmettes, $22,000 each.

46 acres Lancaster Co., zoned agriculture.

8 acre farmette, Ephrata area, $69,000.

116 acre limestone farm, modern beef farm & double stone & brick farm house.

Many other farms available. some in Mid-season.

## FARM & HOME REAL ESTATE

Smoketown, PA
717-291-2270

Sylvester Baum, Carlisle, 717-776-3967
Mahlon Oberholtzer, Lancaster, 717-392-1177

Broker-J. Irvin Denlinger
717-898-8962

REAL ESTATE

## CRAWFORD CO., PA.

Grade A dairy farm 285 acres, 185 tillable, in full operation, 2 houses, barn and other outbuildings, excellent condition, pipeline milker, farm can produce enough feed for over 200 head Owner financing at 10%

Call Earl Wack - day or night at 412-452-9489 or

**Crawford Realty**
412-452-5360
We have other good farms listed

## SNYDER COUNTY

150 acre dairy, silo, 100 acres tillable, loafing area for 40 cows $225,000.

White Deer

## LYCOMING COUNTY

90 acre farm, 45 to 50 acres tillable, nice land that could be cleared, (2) 2 story chicken houses, poultry shelter over 200' long, corn barn, horse barn, work shop, nice house, 1 mile off Rt. 15.

## DONALD R. WITWER REAL ESTATE

Ephrata, Pa. - Office
717-733-4138 or
215-267-7963

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## NEW LISTINGS CUMBERLAND COUNTY

**158 Acre Dairy Farm, adaptable for 2 farms.** Frontage on 2 roads with 11 building lots approved. 8 room 2 story log and frame house, 2 floor bank barn with Surge milking parlor, pipeline milker and bulk tank. Additional building for young cattle, wagon shed, garage, implement building, nicely landscaped. 150 tillable acres, good productive limestone soil. This farm requires your immediate attention. Priced at $375,000.

**Dairy Farm 95 Acres.** 2 floor bank barn, milking parlor, pipeline milker and bulk tank, Additional building for livestock, implement building, garage, wagon shed, 2 story frame house surrounded by mature trees in nice farming area. Some of the best limestone soil in Cumberland Co. Road frontage with 5 approved building lots. Priced for quick sale $275,000.

**63 Acres Limestone Soil.** (57 tillable) 30x50 storage building 2 years old, 6 building lots approved. Surrounding area is all farm land. Priced at $139,000.

Charles Wenger, GRI, 263-0945
George Ebener 249-4979
Wilbert Diehl 258-3231

## GEORGE L. EBENER & ASSOCIATES REALTORS

139 W. High St., Carlisle, Pa.
Ph. (717) 243-6195

# Longacre
PAUL M. FARMS AND COUNTRY PLACES

**DAUPHIN COUNTY**
86 acre dairy farm (near Hershey), very good soil, 80T, pasture, stream, features new 100 cow free stall w/center auto bunk feeder & drive thru feeding 20x70 conc silo w/unloader & conveyor system, 2 story barn barn w/25 tie stalls, also heifer & maternity area 800 & 400 gal. bulk tanks, 2 car garage & shop, corn crib, machine shed, lovely 2½ story home features large kitchen, formal DR, LR & playroom, 3 bdrms & bath, 2 open porches Call for details **$360,000.**

**MONTGOMERY COUNTY**
75 acres, $3,500 00 per acre large amount of road frontage **#139.**

55 acre general farm featuring lovely log & stone home w/modern kitchen, center stairs, 5 rooms with livingroom fireplace, 5 bedrooms & bath, 2 car garage, bank barn, 2 machine sheds, corn crib, silo & much more A very lovely setting, **$385,000 Reduced to $300,000.**

**BEDFORD COUNTY**
200 Acre hog & beef farm, features good soils, nice & solid 11 room house w/bath, 108x30 hog farrowing building, 180x26 concrete building, large bank barn, 8 hog field shelters w/water & concrete floors, 12x58 house trailer & much more Call for details, asking $250,000 #326

**BRADFORD COUNTY**

**NEW**

437 acre dairy farm, 50 stall barn with pipeline, bulk tank, barn cleaner & 18x50, 14x50 & 12x40 silos Heifer barn & machinery shed, shop & garage Lovely stone & frame Colonial home with modern kitchen, 8 rooms & 2 baths Also new second home with 5 rooms & bath Call for details $325,000

81 acre dairy farm with lovely frame colonial with 10 rooms & bath 26 stall barn, barn cleaner, 2 story garage & outbuildings $66,000

79 Acres 59 open & 20 wooded w/unlimited possibilities Only 5 minutes from Athens Nice view **$39,000.**

450 acre dairy farm, 365 acres tillable Featuring 154 freestall barn with 2 bunk feeder units, double 8 Herringbone parlor with sick room, office, bath & milkhouse with two 1000 gal tanks Three 24 x 60 silos and one 20 x 55 silo with unloaders, 50 x 245 pole styled dry cow & heifer barn with drive through feeding Lovely 2½ story home with 11 rooms & 2 baths, 2 ponds All this & much more for $490,000 Call for details #311

190 acre general farm, 80 T, 90 pasture, nice 2 story home, 6 rooms & bath, bank barn, 2 silos in good condition, implement shed, garage & more All for **$105,000. #297.**

180 acre, 150 tillable, level land to gentle rolling, beautiful big new rancher w/fireplace, barn remodeled w/new addition, 58 tie stalls, could easily add 16 stalls, bulk tank, dumping station, 18x65 concrete stave silo w/unloader, heifer barn & machinery shed Located on macadam road Sets very nice, must be seen to appreciate All for **$225,000.** Cattle & machinery optional Additional acreage available for rent.

86 acre investment opportunity w/country living 40 acres wooded & 46 open, includes 12x70 nice mobile home w/1½ bath & garage Located in lovely setting near lake Call for details, **$69,500 #273.**

**WOODED ACREAGE**
11 acres **$11,000**
38 acres **$26,700**

**SUSQUEHANNA COUNTY**

140 acre dairy farm, 95 tillable, gently rolling to almost level A picture clean farm operation with 42 stanchions, stainless steel pipeline, 2 box stalls, 6 calf stalls & enclosed spreader pit Two 20 x 40 concrete stave silos with unloaders, 650 gal bulk tank, 2 large poll sheds for machinery & heifers, frame 8 room 2½ story house, modern kitchen, 1½ baths, carport & patio Must be seen to appreciate $225,000 #324

67 acres of prime hunting ground, **$34,000.**

100 acre dairy farm, 63 stall barn, remodeled 8 room home w/bath, new machinery shed, 20x60 Harvestore silo, in a nice setting, **$162,000. #267.**

19 acres, lovely woodland, suitable for hunting or retreat **$22,500**

40 acres of woodland, **$26,500.**

Several other parcels available

**SNYDER COUNTY**
101 Acre dairy farm features lovely home w/large kitchen, 1½ baths, 4 bedrooms & laundry, 70 freestall barn w/box stalls, 8 stall Herringbone parlor, auto feeders, 20x60 concrete silo w/unloader, 40x100 pole building, bank barn & much more, $180,000 #328

96 acre general farm, 60 tillable with nice 2½ story frame colonial double home, 11 rooms, 2 baths, 2 kitchens, all in good condition Large barn set up for 10,000 broilers, trout stream on property, good hunting & fishing area **$130,000 #307.**

Lovely 2 story colonial plank home, 10 rooms featuring 2 livingrooms, large kitchen, 4 bedrooms & bath Located in rural area with trout stream on property. $36,000
Also 12 acres of open ground with trout stream Prime for building or recreation, on hard road $32,000

188 Acre general farm Lovely 2½ story home. Remodeled Kitchen, Dining Room, Living Room, 4 Bedrooms and bath Bank barn and out buildings Financing available to qualified buyers Asking $175,000

**JUNIATA COUNTY**
**REDUCED**
160 acre general farm, 125 tillable, featuring lovely 2½ story 8 room farmhouse with country kitchen, 3 floor 15,000 bird broiler house, 100 x 80 bank barn & 30 acres box wire fencing Concrete silo & large bunk silo, good ground All for ~~$250,000~~ Reduced $210,000. #320

10 acre w/lovely Cape Cod 8 room & 2 baths, full basement in a very nice setting, excellent for hunting or vacation home, nice view, **$65,000. #283**

**LEHIGH COUNTY**
102 acre steer farm, barn feed lot and silo Large stone house, center entrance, ready to be renovated **$225,000 #145.**

**POTTER COUNTY**
16½ Acre woodland setting w/nice 12x60 trailer, fronts 2 roads Good hunting & fishing $30,000 #312

**COLUMBIA COUNTY**
180 acre dairy farm, 118 tillable, 36 stalls, bulk tank, several sheds & second small barn, corn crib, 2 silos & grain storage bins Lovely 2 story farm house with 9 rooms & 1½ baths, remodeled Slightly rolling & level good ground ~~$225,000~~, make an offer, reduced $210,000. #310

**NEW JERSEY**
80 acre dairy farm, gently rolling to level, streams & pond 2½ story home with 4 bedrooms & 2 baths, large remodeled kitchen, dining rm, & laundry. 60 stall barn & 80 freestall milkhouse, bulk tank, large shop, new large machinery shed & corn crib, 14x40 concrete silo & 200x25 trench silo $250,000

OTHER FARMS AVAILABLE
Please Call and Tell Us Your Preference

## PAUL M. LONGACRE

Rt. 100 Hereford, PA 18056

## Ph: 215-679-5919

**DONALD LONGACRE**, Associate Broker, Berks Co
**TIM FRANKLIN**, Bradford Co
**WILSON T. ADAMS**, Berks Co
**GEORGE PERRY**, Berks Co
**GORDON BOYER**, Luzerne Co
**RALPH CONNELLY**, Chester Co.
**WAYNE MUMMEY**, Bradford Co
**JOE SIEBER**, Juniata Co
**AMOS BALSBAUGH**, Lebanon Co
**HAROLD SHELDON**, Susquehanna Co
**LESTER KLINGER**, Union Co
**KEN THRUSH**, Columbia Co.
**JAMES SHOEMAKER**, Bucks Co
**RAYMOND SWARTLEY**, Bucks Co

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## 2½ ACRES

Lovely County Home with Heat & Bath in Excellent Condition Plus Fringe Benefits!.. Tenant House, Workshop, Small Barn, 20 Fruit Trees all this and more for $45,000.

**DEIBERT REAL ESTATE**
**Geo. Deibert, Broker (717) 425-3313**
**L. Lupold, S.A. (717) 682-9494**

MAILBOX MARKET

For Sale 400+ bales of clover hay no rain Wayne Co 717-785-3309

For Sale- Used 8x16 ft overhead garage door 717-286 6060 after 6 pm

Wanted- Loader attachment for John Deere model MD Crawler Dauphin Co 717-545-8300 ask for Bob

For Sale- New top and bottom Deering binder canvas 43" $12 each 1½ horse electric motor 220V $75 Old 120 lb anvil $60 Write to Mrs Robert A Posch, RD 2 Box 49A, Honeybrook, Pa 19344

For Sale NH 24' & 30' elevators, hay mower, crusher, rakes, Massey-Ferguson #35 PTO 8' combine w/bin $850, pto table blower $150 717-345-4882

For Sale- Set of 13 front weights for 7000 series AC tractors and set rear wheel weights for 180 series AC tractors Augusta Co 703-363-5505

For Sale 8 yr old Sorrel Brood Mare in foal Man's horse $1800 or best offer John C Byler, Rd 3 Box 234, Mechanicsville, Md 20659

For Sale- 20 in windrow fan, atuomatic timer, forward & reverse Lanc Co 717-665-3082

For Sale- NH #27 silo blower, 540 pto, $500 '70 Chevy van, for parts or repair, make offer, 360 Ford engine, needs rings, cruise omatic trans Berks Co 215-689-5387

For Sale Int 460 gas utility tractor & loader Fast hitch & power steering 16 9x28 tires Good Cond $3,000 Berks Co 215-286-5422

For Sale- 1-28 plate Ford disc harrow on wheels $600, 1-model 210 gravity grain box - used 2 seasons, like new $450. Berks Co 717-865 5003

For Sale- Silo, concrete, 35'x12' best offer Hereford bull, 3 years old, proven sire. Chester Co 215-255-4646

For Sale- Papec cutter, complete with Chrysler gas engine and Mellinger Applicator Also large water storage tank Jonas E Stoltzfus, Rt 340 RD #1, Gap, PA 17527

For Sale- 8 hp DVA460 Slanzi diesel, just overhauled with starter, also SR2 Lister diesel with starter and selenoid Aaron E Lapp, RD#1 New Holland, Pa 17557

For Sale- JD #38 Forage Harvester with two row narrow cornhead, 1000 RPM Good cond $1,395 Lanc Co 717-548-2559

For Sale- Registered purebred Suffolk lambs ram - 6 mos, ram - 4 mos, ewe 4½ mos, ewe 6 mos Lanc Co 717-442-8069

MAILBOX MARKET

For Sale- Fox Harvester #546 with pickup unit, in good cond $850 Also John Deere tractor #50 with live PTO $1,800 for both Schuylkill Co 717-345 4995

For Sale- 10 year old general purpose work horse, fully broke Wanted 800 to 1000 gal Honey Wagon Reasonable 215-445-5796

For Sale- 6000 tobacco lath, 717-733-7385

For Sale- Baler twine sisel and plastic for round balers, roasted soybeans $280 per ton, Ridomil 2E $109, 25 gal also other sprays and farm seeds Lanc Co 717-786 3435

For Sale- Six 600-700 lb Holstein heifers Adams Co 717 528 4914

For Sale Rotary plow & rotary cultivator for Gravely convertable, hardly used, 10" Dewalt Radial arm saw, good cond, 48"x52" cedar tub for water, sound & solid Lanc Co 717 627 2550

For Sale- Feed-Easy 8' verticle shaft liquid manure pump New 717-665 5772

For Sale 3000 gal Feed-Easy liquid manure spreader with plow down attachment 717-665-2962

For Sale- 1 horse dump rake with wooden wheels, 4 sets of wooden Hames & 1 old walking plow. Jacob E Beiler, Box 130-A, RD #2, New Holland, Pa 17557

For Sale- 4 good used 10 00x22 truck tires 717-964-2248

For Sale- 6 blade enclosed fan with 1 hp motor 717-656-9548

For Sale- 300 MF combine 11 ft grain head, 2 row cornhead, cab, very good cond 717-766 3022

For Sale- Rabbits - English and French Angora, New Zealand A litter of Dutches ready 9-1 81 Also were Hutch, 3 section, 24x30x18 Millersville, 717-872-2327

For Sale- Suffolk ewe lambs from quality bloodlines, also black Romney ram bred for black Priced reasonably Lanc Co 717 665 7386

For Sale- Alemite airless paint sprayer, like new Goulds ½ H P pressure system, new Lanc Co 717 656-9885

For Sale 150' Farmway barn cleaner chain, used about 2 yrs Sam J Stoltzfus, Jr, RD4 Box 243 Honey Brook, Pa

Wanted- 100 150 bales straw, 2-3 head Holstein angus or angus calves approx 200 lb and on feed Should be in Cumberland County, 717 776 3572

MAILBOX MARKET

For Sale 60 ft 1 in galvanized pipe, 30 in Acme fan with louvers Like new Baldor 1½ hp motor, Dayton ½ hp motor Berks Co 215 683 7902

For Sale- 35 KW stationary pto generator Lebanon Co 717 933 5115

For Sale Myers deep well water pump with 2 hp single phase motor $300 Pike Co 717 588 9626 Eves

Must Sell Utility trailer 4½'x8' with perforated steel deck 2,100 pound capacity with tilt bed 7 35x14' tires Excellent Cond Lanc Co 717 394 8509 after 5 30 p m

For Sale- Rye, field run, clean, no weeds $4 50 a bushel in your bags Fulton Co 814-685 3475

For Sale- 10 Holstein Heifers, due in Oct and Nov Samuel T Swarey, Centre Co Rebersburg, Pa 16872

Wanted- McCormick Deering corn binder & also tobacco ladder wagon John F Stoltzfus, 312 Petersburg Rd Lititz 17543, Lanc Co Pa

For Sale- 1923 Model T Ford, touring car, good running cond new top $53 Lanc Co 215-267 2749

For Sale- Suffolk lambs, elec incubator, corn shellers, alto saxaphone, girls bicycle Lanc Co 717 867-1470

Wanted- Walnut, cherry, oak & ash lumber 1" or 2" thick Berks Co 215 367 5563

For Sale- Tobacco lath, 10 cents each Lanc Co 717 687-6309

For Sale Registered Belgian, just turn 2 yr old stud broke, Sorrel Blonde mane & tail 16'2" tall Ex Manners 717-359 9237

Wanted- Rim and/or wheel for Farmall BN tractor for 9x24 tire Harford Co Md 301-679 4086

For Sale- 1971 Dodge 20 ft flatbed, good cond runs real well, $2000 or best offer Berks Co 215 488-6384

Wanted- Bird cages, especially double breeding cages, flight & cocktail cages Lanc Co 717-529-2314, evenings & weekends

Wanted to buy- steel silo or storage bin suitable for wood shavings should hold over 2,000 cu ft or more Lanc Co 717-733-9429

For Sale- 1962 Ford F-600 12 ft flat bed w/sides and hoist $2395 00 1959 Ford F-600 14 ft flat bed w/sides and cattle racks $895 00 Both with 4 + 2 sp York Co 717-292-2267

For Sale- 768 3 row wide narrow corn silage head. Very good cond, ½ price of new one Schuylkill Co 717-425-3480 late evenings

For Sale- 20x70 Harvestore silo with Spartan grain unloader 2 yrs old Dau Co 717 365-3828

Wanted McDerring #9 horse drawn gas mower, in good cond David B Smucker, Quarryville, RD #3, Box 452, Pa 17566

For Sale- Old fashioned bath tub cast iron with cast iron legs, $20 00 Montour Co 717-649 5320

Wanted 7' Haybine prefer NH For Sale Farmall M or trade for smaller 3 ph tractor Lycoming Co 717-458 4364

For Sale- ½ ton feed mixer, also 7x60 endless belt used once Lanc Co Aaron S Zook, R1 Box 216M Strasburg, Pa

For Sale 300 golden comet pullets, 18 wks old vac & debeaked, 717 626-4353 Lanc Co

Wanted- 30 in elec range in good condition, and reasonably priced Bedford Co 814 623 8426

MAILBOX MARKET

For Sale Lambs, ewes & rams Dorset and Dorset crosses also AKC black labrador retriever puppies, shots and wormed Lehigh Co 215 285 6953

For Sale Hanging feeders 40 a piece Christ F King, 186 Quarry Rd Leola, Pa

For Sale John Deere 12A combine, motor and bin Kept in dry Good Cond Columbia Co 717 784 1479

Wanted Honey extracter Berks Co 215-562 7961

For Sale Mobile home 48 x10 bedroom, kit chen bath, livingroom area $2500 Lanc Co 717-367 5043

For Sale JD #2 bale ejector without remote hydraulic cylinder $150 Northampton Co 215 252-7659 after 6 pm

For Sale VE 4 cyl, Wisc engine w/4 1 red gear very few hours on this engine first $500 cash take it Lanc Co 215 445 6561

For Sale 2 Holstein bulls, 1 grade, 1 purebred elevation (service age) Wanted airplane propeller Samuel F Zook, Christiana, R#1 Box 71, Pa 17509

For Sale 1975 Ford 350 truck with 9 ft service body AT, PS, PB Lanc Co 215 267 3808

For Sale Reg blue eyed Australian Shepherd pups Watch or work dogs Reasonable Elmer S Stoltzfus, Gap, 15 miles east of Lanc 1 mile off 340 on Millwood Rd

For Sale- 4700 tobacco lath 10 each also white King Pigeons 2 75 a piece Lanc Co 717-354-9835

Wanted- Top gathering chains for NH 880N2 corn head For Sale- homemade liquid manure spreader 2100 gal Cumberland Co 717 258 6247

For Sale One 15 cu ft upright freezer, also solid oak sideboard Perry Co 717-789-4260 after 4 30 pm

For Sale- Jamesway Volumatic I 16 ft ring drive silo unloader less motor and cord, good working cond $600 Montg Co 215 489-7935

For Sale- Milking Does, Reg Alpine, Togg, Saanen Vaccinated, TB/BRUC tested, DHI $125 ea, 2 for $200 Glou Co N J 609 694-1487

For Sale- 15 1 h 3 y old grey filly ½ TB, broke to ride show prospect will consider trade for large horse Adams Co 717-359-5281

For Sale 1970 Chevy ½ ton pickup 350 V8 good running cond $225 Balto Co 301 374-9750

For Sale- Antique square solid oak dining room table, looks like hand carved legs, refinished, exc cond $175 Cecil Co 301-658-6975

Wanted- Motorized grass catcher attachment with or without tractor, solar greenhouse or sunroom Harold Kuchler, 1205 Manor Rd, Coatesville, Pa 19320

For Sale Cultivator, Ferguson 3 point hitch in good cond $225 Mon tgomery Co 215 234 4973

For Sale- 2 new Big Red Infra-red heaters, 9 magic ray heaters, Jonas L Zook, R2, Box 320D Myerstown, Pa

For Sale JD 630 on steel, Lanc Co 215-445 6568

For Sale- Grade Holstein Springing Heifers & cows Elam S Stoltzfus, R1 Tanyard Rd Conestoga, Pa Lanc Co

Fire Sale Best offer '76 LTD Ford station wagon, hood area burnt out, interior OK, 2 real good, snow tires on rear Lanc Co 717 898 7460

For Sale Spring wagons, market wagons, good shape, buggies, Log Saver wood stoves Amos S. Fouts RD1 Strasburg

MAILBOX MARKET

For Sale New Holland combine main drive belt #330441 Never used, $60 New Castle Co 302 378 8454

Wanted 2 and 4 cyl Wisconsin engines that need work 4 to 1 reduction gears on 4 cyl also electric meat slicers Must not work John L Stoltzfus Box 125B, Cochranville, Pa 19330

For Sale Bouvier des Flandres at stud Champion Arnoux du Clos des Cerberes Bucks Co 215 257 3879

For Sale Papec Grinder and mixer Also 1, 1200 corn crib Berks Co 215 683 8515

For Sale Two seated Mennonite carriage in fair cond Also one front wheel for Farmall C Lanc Co 717 656 8531

For Sale- Oliver 62T baler with thrower, field ready 450 00 or best offer Lanc Co 215 445 5832

For Sale Portable milker pump with ⅓ horsepower motor pump needs some work $25 717 687 8893

For Sale 5 half round wooden trusses 50' long, IH TD 14 as is, NH 276 baler good cond 717-386-5696

For Sale- 6 yr old sorrel mule sound, and good broke Eli E King, 3334 W New Port Rd, Ronks, RD 1, Pa 17572

For Sale- 60 Ford 12' flat bed dump truck, pony cart, Palomino horse H-78 - 14" tires, 13" slotted mag wheels 4 lug Leb Co 717 949-3259

Wanted Windrow pickup attachment for No 80 International pull type combine 717-275-3309

For Sale 1 Martin Mfg Smidley ranger, double 10 hole hog feeder like new, $250 1, 700 lb capacity single side 6 hole hog feeder $50 Levi S Zook, R#1 Quarryville, Lanc Co 17566

For Sale- Straw $45 ton, Ear corn $122 ton 717-444-3968

Wanted to buy Quilts and quilt tops Also AKC puppies English Lop Bunnies for sale $20 each 717 934-2481

For Sale- Bale mow conveyor, skeleton type Berks Co 215 488 1733 after 9 p m

For Sale Celery plants and tobacco lath 717-626 6805

For Sale- Two row Stauffer transplanter, Super C Farmall with culti & plow, 3 bt 16" plow, fertilizer drill 215-484 4690

For Sale- Wooden single bed bookcase headboard, $22, wicker chair $75, 33" high table lamp $15, 34" high table lamp, $22' wooden rocker $10 717 548-2665 after 4

For Sale- 275 gallon pit tank with gauge, $75 Columbia Co 717 784-1967

For Sale Purebred polled charolais bull, polled charolais cows & heifers 717-724 3809 after 9 pm

For Sale Two (2) airplane propellers $40 each Raytec wall mounted 100 cow breeding chart $100 Berks Co 215-944 0110

For Sale- Adorable dark ACK miniature Schnauzer puppies Lanc Co 717 665 2038

For Sale- New Holland 66 baler with engine, good working order $425 Carroll Co 301-374-1049

For Sale McCormick Corn binder w/shaft for carrier, good cond ground drive Northumberland Co 717 758 8085

For Sale DC Case tricycle tractor, hyd, new rubber all around $700 1962 GMC Pickup truck, V6 $500, Hyster 7500 lb fork lift $1,500 York Co 717 244 5130

For Sale Reg Bay Q Horse 9 yr old gelding 14 2 refined beauty, was always in ribbons English or Western (sadly outgrown) asking $1200 Salem Co N J 609 935 5386

MAILBOX MARKET

Wanted 3 row corn head for Fox 3310 Harvester, 717 367 1319 or 653 4560 after 6 p m

Notice I m in need of a Mechanical or Holland vegetable transplanter and an automatic greenhouse flat filler Somerset Co 814 467 4996

For Sale Seed wheat clean and treated Will take orders now Lanc Co $7 50 @ bu 215 445 6423

For Sale Backhoe trencher, four wheel drive, 4 trencher, 9 backhoe with angle blade, engine overhauled 215 929 3777 evenings

For Sale IH 806 Diesel, just overhauled, w f e, 3 pt hitch, 540 1000 pto good cond, $7500 Berks Co 215-589 5489

For Sale- Chinchilla herd, approximately 60 animals also cages $50 each for all Good producing herd, Berks Co 215 682 6247

For Sale NH mower, NI 752 crimper, NI 310 corn picker McCurdy corn bin wagon $595 NH 717 corn harvestor, 9 knives 717-354 0266

For Sale High moisture corn, 300 cu ft walk in cooler, two 1500 bu grain bins Franklin Co 717-762 4995

Honey, local unprocessed, mailed direct 1 gal (12 lbs net) $12 95 P P D, ½ gal $7 95 P P D In verbrook Apiaries, R D 2, West Grove, Pa 19390 215 869 3353

For Sale New Idea corn picker, 1 row $2200 Farmall 240 tractor $1000 Self driven tobacco cutter $300 717 898-2886

For Sale- Int 45 hay baler $350 MH #6 7 ft sickle mower, $175 Cape May Co NJ 609 886 8115

For Sale- 4" irrigation pump w/40 hp Wisconsin engine, very good cond, 717-665-2387 Lanc Co

For Sale- Telephone booth, $75 717-656-9013

Wanted- Used Nu-pulse milkers, For Sale- 30 ft bale and grain elevator, very good condition, Lanc Co 717-354-7869

For Sale 18 can top loading milk cooler, good cond, Lanc Co 215 445-5928 5 8 a m & p m

For Sale- Terrier puppies, 10 weeks old Also 1 Charolais bull John E Stoltzfus, Gap RD1 Box 467 Pa 17527 Millwood Rd

For Sale- NH 315 baler with Model 70 bale thrower, very good cond, 215-932-8999

For Sale- New Idea 224 2 row pull type corn picker, excellent condition, Baltimore Co near Galen Rock, Pa 301 374-2555

For Sale- Two registered half blood beefalo cows One bred, other with calf at side 609-896-1161 Mercer Co

For Sale- 22 ft cattle box, excellent cond, also Willys Jeep as is 717-367-3202 Lanc Co

For Sale- JD 494A 4 row corn planter, good cond, $700 717-758 3108 Northumberland Co

For Sale- Gooseneck trailer, 3 axle, 16 ft bed, used very little, $1900 or best offer Franklin Co 717 532 8236

For Sale Aremotor windmill, 10 ft wheel on 60 ft tower Good cond, Lanc Co 717 733 4453

For Sale Rear steel wheels to fit Farmall M 34 centers, 11" wide Enos Mast, R5, Box 702 Dover, DE Kent Co

For Sale Grain chief Model 250 dryer used less than 40,000 bu excellent cond $3,000 914-564-1208 Orange Co NY

For Sale No 10 New Idea corn picker with AC power unit Picker in very good cond engine like new Stephen S Fisher, Box 114, RD 1 Lincoln University Pa 19352

MAILBOX MARKET

For Sale- 14x18 Butler grain bin Will take offer Also cast iron radiators Ammon Lantz, Lime Rock Rd, RD4, Lititz, Lanc Co

For Sale Int 574 diesel, RC 1100 hrs 1 set steel wheels 54" John N Wengerd, Meyersdale, Pa RD1 15552

For Sale- JD 34 forage harvester with 1 row corn head, like new cond, Bedford Co 814 652 2066

For Sale- Ear corn, $120 a ton delivered 7 ton loads Chester 215 932 8579

For Sale DeLaval 4 unit, 1½ inch glass pipeline complete milking system Sunset 425 gal bulk tank with compressor, 814 766 3551 Bedford Co

For Sale JD 55 SP combine 72' Int Carryall, 65" F 800 dump with variable sp salt spreader, Broome Co 607 862 3461

For Sale Model 735 NH 300 bushel grain dryer $1700 Model 180 NH gravity grain wagon, $550 Ferguson to 30 tractor $1400 215 672 0888 after 8 p m

Wanted- Reg Morgan mare that is harness broke, 15H or taller Also locust fence posts Elk Co 814 834-4960

For Sale- Ford 946 10 ft rotary cutter $1700 Tandem axle trailer, 40x8 Sussex Co 201-383 3409

For Sale A triplet purebred Suffolk ram lamb, no papers, 5 mo old Also rabbits 5 wks old 717-786-7716 Lanc Co

For Sale- JD 620 Gas NF, new paint, good condition, $2500 Nuffield 10/60 Diesel, new engine $4000 814 632-6752 Huntingdon Co

For Sale- Seed wheat, cleaned & treated, Hart and Redcoat, Cumberland Co 717-766-4907

For Sale- Purebred Jersey heifer due with 1st calf September Bred with registered Jersey Bull $500 Camden Co NJ 609-561 9419

For Sale- Bale thrower wagons, one grove 8x7x16 and one JD 8x7x14, good cond, no reasonable offer refused Berks Co 215 944 9276

For Sale- JD #30 level bed potato digger, just like new! 716-728-2520 Serious inquiries only

Wanted- Mounting brackets to put IH 2MH cornpicker on Farmall M Call or write 717 367 6059 after 6 p m D Breneman, 2750 N Market St, Elizabethtown, Pa 17022

For Sale- 2 hp New Holland, 717-266-2982 evening 6 9 p m

For Sale- Uni 770 corn head and screen adapter filled 1 silo, 4 universal full-view Milker units Franklin Co 717-328 3429

Wanted- Front snow blade for Farmall A or C 215 943 4573 Bucks Co

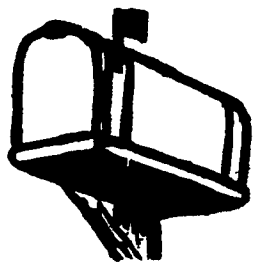
For Sale- JD #480 - 9' mower-conditioner rece ntly reconditioned machine is real clean & field ready McCormick #7 silage cutter, Luzerne Co 717-384-4220, 12 noon 9 p m

Wanted Hay Approx 350 bales, no rain, no mold prefer mixed timothy with alfalfa or clover I can haul Call 717-284 4490 evenings Lanc Co

For Sale- New corn High moisture ear or high moisture shelled from this falls crop Dairymen order your corn needs now, 814 472-5244

For Sale- 1 Red cross ram throwing all red lamb's out of black ewes $150 4 in 22 ft long grain auger, 717-865-4931

Wanted Cotton home spun equipment to buy or rent Wanted Information or instructions to make home spun Knepper 215 395-2349 evenings Lehigh



# FREE

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Limit your advertisement to 20 words, area code must be added to phone number and, due to repeated requests, please include your county for buyer and seller convenience, all advertisements must be mailed to the office by Tuesday or same will be held over for next week's paper, no business advertisements accepted

Include your Lancaster Farming mailing label and mail to

Mail Box Market
Lancaster Farming
P O Box 366
Lititz, PA 17543

No Phone
Calls Please

MAILBOX MARKET

16' alum Morgan Van truck body Owatonna Bobcat 1200 717-354-7561, Lanc Co

For Sale- 1977 International 1850, 466 diesel truck, Eby Aluminum Body, 7' high inside, 25' long 717-786-7229

Registered Yorkshire Boars, bred gilts and open gilts, will deliver Red Run Farm, R2, East Berlin, Pa 17316, York Co 717-292-4634

For Sale- Rope halters for cattle, made to order, 717 898 7020 Lanc Co, Pa

Wanted- New or used storm front market wagon, and/or spring wagon, state price and condition, all replies answered, T Holliday, Rt 4, Box 244, Waynesboro, TN 38485

Top Quality Hay, Straw, Oats, Steer hay 140 per ton and up, mulch hay Call before 7 a m or after 7 p m 201-735-8389 or 201-735-4408, days 201-735 8865

For Sale- Winco 10,000 KW, 1800 rpm generator, 717-656-9013

For Sale- 2 row narrow corn head for 600 Gehl 717-656-9013

For Sale- 1977 Int. Loadstar long wheelbase, DT 466 and roadranger $13,000 Also 24 ft Schwartz rollback bed $3500 Lanc Co 717-354-0364

For Sale- IH 710 5x18" plow - 6 ton 7'x16' hay wagon, 12' Gandy applicator, 717-866-4286 Berks Co

For Sale- 12' Gandy applicator, Gruber wagon box, JD axle rod for 12' cultimulcher, IH 8' snow blade, 717-866-4286 Berks Co

For Sale- Ear Corn, Can Deliver, 717 569-0741

For Sale- 9 ton of Sound Ear Corn, $110 a ton at farm Lanc Co 717 665-6368

For Sale- 2MH cornpicker and attachments for 706 tractor, Robert E Morris, R1 Box 234 Fawn Grove, Pa 17321

For Sale- 8000 tobacco laths loader for McDeering corn binder. Orders taken for Sex Sal pullets, ready to lay in Sept 717-768-8359

For Sale- 1936 JD Model B, new tires, excellent cond, 717-442-4539 after 5 p m Lanc Co

MAILBOX MARKET

For Sale- Spring wagons & buggies & horse related items 301-398-5696 after 7 30 P.M

For Sale- 1964 Mack BG1 with Stoltzfus Hydraulic wet lime spreader and vibrator, very good cond, $8500 215-869-9595 Chester Co

For Sale- Reg Hampshire, Suffolk and Southdown Rams Preston Bankert, #3, Red Lion, Pa 17356 717-244-1244

For Sale- Cookware, stainless steel, waterless, must sell, ½ of going price, slightly used 717-464-4662

Will buy & sell all types of horse drawn equipment 215-593-5754

Groffdale Lawn mower sharpening - Along Rt 23 acorss from Short Rd ¼ mile west of Witmer's Coach Shop Henry K Fisher, 494 E. Main St, Leola, Pa 17540

For Sale- JD Riding plow, two horse score, two horse wagon, lime drill, 1000 lb Fairbanks Scale, Fouder Shedder, 717-362-9842 Dauphin Co

For Sale- 73 GMC 3/4 ton pick-up with refr unit, unit cost $4600 Sell complete $3000 76 Chevy crew-cab, dual wheel pick-up, new motor, $3000 609-629-6596

For Sale- 1980 GS 550L Suzuki Motor cycle, 2300 miles show room condition, with 2 helmets, asking $1750 Northumberland Co 717-286-0903

For Sale- 4 Holstein steers 800-900 lbs 51 cents lb, Snapper lawn mower, $265 717-653-5733

For Sale- Papec silage cutter in good condition on pipe but can get them, $185, Jacob J Hershberger, Wood Ward Pa 16882

For Sale Rye seed $4 50 per bu, 10 ft Brillion cultimulcher $400, does not have transport, 717-933-5771 Berks Co

For Sale- Mueller 400 milk tank, real nice, 717-264-6007 Franklin Co

For Sale- McCormick Deering 5 ft cut mower, pull type, NH PTO manure spreader, 1000 gal fuel tank, 717-872-2168 Lanc Co

For Sale 50 gal electric hot water heater, also Myers Jet Pump with electric motor both like new, Levi S Beiler, Box 101 Lanc. Co Kinzer R1 Pa. 17535, Hershey Church Rd

For Sale- Live geese, picturesque on pond. Delicious on platter $10 each, your choice, Lanc. Co 717-529-2339

For Sale- JD 14T baler for parts, also never used chain web with slats to fit forage boxes ½ price of new. Call Lanc Co 717-354-0175

Wanted- Amish Buggy - needs no brakes, nor roller bearing State price & condition Eli S Stoltzfus, Madisonburg, Pa. Box 48 Centre Co

For Sale- Cummins Stationary diesel pwr unit, 4 cyl w/clutch reduction About 75 hp, $1600 609 423-7245 after 7 p m Gloucester Co NJ

For Sale Badger XP24 silo unloader for 14'-20' silo tripod, cable & winch, less motor, $400 Carroll Co 301-848 8638 after 8 p m

For Sale Spring wagon with new roller bearing wheels to be sold at David Goods Sale Wed Aug 5th

For Sale- Hyd end gate for 518 NH manure spreader, Ivan Eberly, Narvon, R1 Pa 17555 Lanc Co

For Sale- Eskimo pups, Levi F Esh Jr, R3 Box 387 Route 896 Quarryville, Pa

For Sale- Guernsey Cow, first calf heifer, tame family cow Also Ford 501 3 pt mower, good condition, Lanc Co 215-445-6880

MAILBOX MARKET

For Sale- 1967 White 1600, 350 5/2 spd 9 00x20, all fiberglass cab, will take 16-20 ft body with PTO asking $1500 or best offer, Dauphin Co 717-566-8689

For Sale- 175 Bushel International manure spreader with slurry pan Good condition, $650 Perry Co 717-444-3784

For Sale- JD 2 cyl Luc Power unit Working cond., $125 215-756-6138 Berks Co

For Sale Tobacco press $75, tobacco lath $8 00/hundred, 7 ft locust posts $3 00 round, $2 50 splits, firewood dried hardwood Leb Co 717-867-1305

For Sale- Dyna-Hoe backhoe and front-end loader G M diesel, good cond., $8250. Leb Co 717-933-8853 or 717-933-4062

For Sale- 5 Reg Guernsey milk cows tested & accredited A.C PTO 48 in hopper blower, 717-359-4383 Adams Co

Wanted- Windmill 120VAC with 2500-3000 watt Generator Also wood-coal furnace boiler, 716-/31-4618

For Sale- 1927 McCormick Deering 10-20 converted to rubber, needs new tires Runs well, pulley PTO Sale or trade for horse drawn conveyances, Salem Co NJ 609-769-1452

For Sale- Gas heater (propane) 280,000 B T U with fan Hydraulic lift end gate for truck - 'ANTHONY" 1600 lb rated capacity Old style Gehl silage wagons, cheap Kools blower and recutter, 717-665-3905 Lanc Co

For Sale- Farmall cub tractor & blade, 1979 Ford Super Cab pickup, 1949 Willys Jeepster, 717-442 4279 evenings

For Sale 1 pair 30 5x32 tractor tires mounted on rims with 9 hole bolt pattern Tread cut for tractor pulling /17-755-4797 after 5 p m

For Sale Farmall Super H' tractor with wagner front end loader, engine needs work, $650 Chester 215 932-9323

For Sale- Reg Tennessee walking horses, 13 year old mare, $850 4 month old stud colt, $500 Perry Co 717-567-9561

Wanted- Field Force 300 gal sprayer with wooden tank Also, looking for front end loader for Farmall Super C Lanc Co 717-872 5263

For Sale AKC miniature collie puppies Shetland Sheepdog, Daniel Z Esh, 208B Osceola Mill Rd, Gordonville Pa. 17529

Wanted- Used grain blower, prefer factory built model over adaptation Will consider, all inquiries Adams Co 717-624-8018

For Sale- Commercial ewe lambs, registered Cheviot ewes, ewe lambs and ram lambs Black rams - third generation 100% black Columbia Co 717 925 6576

Wanted- 36 Ford station wagon, must be in good condition, Montg Co 215-933-2469

MINI LOP RABBITS with papers $25 00 Very Loveable pets NZW Rabbits with papers, $10 00 Cecil Co, Md 301-885-2134

For Sale- Outside calf hutches, $75 each, David B Stoltzfus, Rd 2, Box 282B, Nottingham, PA, take Brown Rd at Little Britian, second road right

For Sale- Mushroom Soil - 200 bu to 800 bu from $40 to $80 Save fertilizer dollars - use poultry manure Delivered in trailer lots 717-859 3348 after 5 p m

For Sale- Purebred Duroc boars, open and bred gilts, all age breeding stock, certified herd #82 Ph 717 /33-2310 W F Ruoss, 126 Irene Ave, Ephrata, PA 17522

MAILBOX MARKET

For Sale New 2 hp electric motor 110/220 volts, $120 used 26 gauge steel roofing, cheap 717-687-8237, Lanc Co

Wanted- Purchase older model front end loader with backhoe, Cumberland Co 717 532-4544.

For Sale- Rye for seed, $4 per bushel bring bag, Call at noon, 12 until 1 York Co 717-637-8172

For Sale 1954 2 door H T Mercury and 1954 panel truck, Wanted- butter mold, water cups for cows, Northumberland Co 717-797-3751

For Sale- Early Harvest Apples nice size, $5 per bushel, also two seated carriage with hydraulic brakes, Lanc Co 717-733-1048

For Sale- Grates to cover cow gutters - used cow mats, Standard water bowls, Lanc Co 717-626-5555.

For Sale- JD Cyclone "A", good rubber, power steering optional, make offer, call evenings, 717-872-2516 Lanc Co

For Sale- JD #336 baler with hydraulic thrower, good conditon, call after 3 Lanc Co 717-626-4359

Wanted- 2 and 4 cyl Wisconsin engines that need work 4 to 1 reduction gears on 4 cyl also electric meat slicers, Must not work, John L. Stoltzfus, Box 125B Cochranville, Pa 19330

Wanted- 800-1000 milk tank, good late model, 717-264 6007

For Sale- Stoltzfus 5 ton wet lime spreader, less than 1 yr old, $3500 NI #10 corn picker, $700 Luzerne Co 717-477 3020

For Sale- 700 bale mixed hay, 400 bale mulch hay, Oliver 312 corn planter, 872 E Z trail bale wagon, #7 New Idea picker, Perry Co 717-567-6326

Wanted- Walnut, Marble topped side board, 717 966-1814 Union Co

For Sale- Miller gun-fired furnace, mobile home or cabin type Suitable to heat a shop 717-532 4819 Cumberland Co

For Sale Slab wood and saw dust Sold by pickup & tractor trailer loads, Northumberland Co 717-425-3697.

Wanted- 2 RW snapper head for "Fox Super D' forage harvester York Co 717-993-6624

For Sale- Army surplus 30 KW generator set, skid mounted with fuel tank, needs engine, $850 Schuylkill Co 717-345-8179 evenings

For Sale- Farmhand Corn Blurr with pulley Use to make high moisture corn $550 Kawasaki engines from 2½ to 20 horsepower Aaron B Beiler, Paradise, RD1 Box 195, Pa S Vintage Rd.

For Sale- AKC Collie pups Sable and one tri-color Ready to go Lanc Co 717-665 4538

Beautiful 16h 6 yr old Registered American Saddlebred Chestnut Gelding Rides and drives, $1500 or best offer, Perry Co 717-834-3674

For Sale- Peafowl, 6 cocks, 1978 hatch $50 each, also 1979 chicks, $10 and up, Westminster, MD 301-876 1235

For Sale- Reg Angus bulls and heifers, Orange Gate Angus Farm, Maurertown, VA 22644, 703-459-3414

Wanted- 200 300 gal holding tank, meat grinder, 30 gal S S barrels, castors, S S 6 ft table, ratchet press, S S sink, 215 862-9148 10-5

Used Bee Equipment, Inverbrook Apiaries, R D #2 Box 230, West Grove, Pa 19390, 215-869 3353

For Sale- 1 Bowman manure spreader Elam K King, RD2 Box 402 Ronks Pa 17572

MAILBOX MARKET

Wanted- Refrigerated-truck body for cooling & storage of vegetables 16 ft or longer, Snyder Co 717-374-1777

Wanted- Old fence rails call collect 717-649-5923 Northumberland Co.

Wanted- Used grain bin 3 to 6 tons, has to be in good condition Ephraim S Beiler, Box 406-A RD1 Bird-in-Hand, Pa 17505 Lanc Co

Wanted- Gehl recutter blower and manure fork for Case uni loader, Lanc Co 215-445-5734

Wanted- Used complete PTO shaft for Oliver 50 Baler, 215-267-2293 after 6 p.m Lanc Co

For Sale- Agstar 16 crate self-contained sow castle. One Landrace gilt, Lanc. Co 717-653-5775

Wanted- Electric knife sharpener for a Field Queen S P Harvester, 717-548-2676 Lanc. Co

For Sale- Camper top, one small wood stove, one large wood stove and a turn-trowel, call after 5 p.m Lanc Co 717-786-1045

For Sale- (2) 1200 bu. wire corn cribs, Dismantled, $550 each 717-292-1604 York Co

For Sale- Collie Pups, 5 wks old, $45 Benuel Smucker, Gap R1, Pa. 1 mi north of White Horse, Cambridge Rd.

For Sale- Int 1050 Grinder-Mixer with 20 ft unloading auger, good Isaac S Stoltzfus, Gap RD#1 Box 384 Pa 17527, Meadeville Rd, Lanc Co

For Sale- 5000 tobacco lath, $10 a hundred. Lanc Co 717-653 4725

For Sale- 1 Suffolk ram, 8 months old, proven stock, $100 Lanc Co 717-354-7743

For Sale AQHA Bay Brood Mare, 3 in 1 package Deal Flashey, 4 mo Filly at side Bred back for April foal Supreme Champion bloodlines, $2500 Lanc Co 717-397-4493

For Sale- JD #15 flail chopper Sears riding tractor with 32" mower 1971 Honda 750 motorcycle, many extras, excellent cond, 9000 mi Berks Co 215-562-3116.

For Sale- Golden Comet Pullets starting to lay Henry Patches, RD 7, Lebanon, Pa. 717-949-3261 Leb. Co

For Sale- MF 85 tractor, 100 hrs since complete overhaul, new paint, NI rack wagon, exc. cond 1970 (1) ton Chev truck, 46,000 miles, u-haul style, Dauphin Co. 717-367-3164

For Sale- 16 Black faced lambs, $60 each Wanted- Wide front end loader bucket, 3 pt. hitch rototiller, 215-582-3066 Berks Co

For Sale- IH 315 Hydrostatic Combine, 13 ft grain, hume reel 2 row corn $6000 Perry Co. 717-834-3686

For Sale- Cover crop, rye, barley, spelts, wheat, cleaned or combine run, JD 34 1 row harvester, Leb Co 717-867-1317 or 867-2977.

For Sale- Case 830CK WFE good condition, $5000 firm Peafowl one pair three year old, $50. Franklin Co 717-263-1837

For Sale- GE electric stove, 16 6 no-frost G E refrigerator, double drain sink with faucet, one 36"x52" aluminum frame window Lanc Co 717-367 6103

Wanted- good used snowmobile trailer, medium-heavy size, 717-264 600/

For Sale- Black & Decker valve retacer & piston aligner, new price, $2700, our price $600 Reg Morgan filly, 2 yrs in May, Priced right, 301 452-8452

For Sale- Nubian kids, female, can be registered, Berks Co 215 777 4579

MAILBOX MARKET

Fine Selection of pleasure Tennessee walking horses, $800-$1800, quality yearling and weanling colts At Stud Senator's Thunder, black and beautiful, 215-267-7311

Guaranteed Stud service- $50, fancy registered Belgian, must see to appreciate, John L Stoltzfus, Box 125B Cochranville, PA 19330

Wanted- Christmas trees for Christmas 1981 Will buy cut or in ground, 215-968-4440

Fox Terrier stud service 717-354-7186

For Sale- Oliver 88 gas with NI mounted corn picker, $1500, works good Berks Co 215-683-7931

Wanted- 150 Pullets, Brown Eggs to start laying in Aug Chester Co. 215-932-8499

For Sale- Pair mules, 5 + 6, wild, well built, but small, Isaac E. Stoltzfus, R1 Elk Creek Road, Chester Co Lincoln Univ. Pa.

For Sale- 65' Skeleton Elevator, with racks for hay mow, $500. Chem-T-Flo Hay Preservator, with 2 nozzle applicators, $150. Clinton Co 717-726-6229

MAILBOX MARKET

For Sale- 1600 gal fuel oil tank truck body 215-345-1909 after 7, Bucks Co

For Sale- All size silo roofs at reduced cost, 717-687-6672 or 768-3095 Lanc. Co

Wanted to Rent- Farmland in Berks, Lehigh or surrounding area Top prices paid, 215-756-6269.

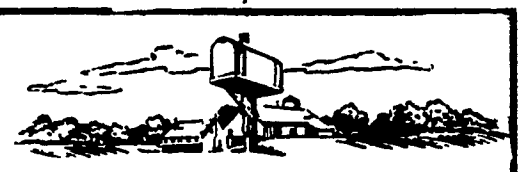
For Sale- Purebred Yorkshire boars, bred gilts and open gilts, carcass championship bloodlines Willow Glenn Farms, Rd 2, Sfrasburg, Pa 717-786-2562.

For Sale- Horizontal-vertical metal bandsaw w/½ hp motor Best offer over $200 Wanted- 3 pt. harvester, Lanc Co 717-354-5060

For Sale- 300 acres, woodland, Lycoming Co. Easy access, timber, stream, road frontage, good hunting, will divide, 60 ac minimum, owner financing $350 per acre. 717-547-1481

For Sale- Used C6 Calumet Vac. pump. Was on 4000 gal. vac. spreader, $550 Lanc Co (717) 733-8528.

Wanted- MH 35 combine for parts Also chicken manure, Cumberland Co. 717-776-7083.



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# HIGHLIGHTS OF THE JULY 1981 PROOFS

**Holstein Sires Predicted Difference Averages:**
**+1316m -.07% +40f +$150 Rpty 79%**
**Predicted Difference Type +.49 Rpty 71%**

From: Sire Power INC

Member Cooperatives Northeastern Breeders Association
Md Artificial Breeding Coop , Inc
W Va Artificial Breeders Coop , Inc

| CODE | NAME | DTRS | HERDS | % RPT | DAUGHTER AVE. MILK | % | FAT | PREDICTED DIFFERENCES MILK | % | FAT | $$ | HFA PDT | % RPT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **HOLSTEINS** | | | | | | | | | | | | | |
| 9H584 | Cal-Clark Board CHAIRMAN | 36 | 32 | 60 | 19310 | 3.6 | 696 | +2134 | -.17 | +50 | +225 | | |
| 9H107 | Arlinda JET STREAM-twin | 8684 | 2273 | 99 | 18600 | 3.5 | 648 | +2185 | -.22 | +44 | +218 | +0.01 | 99 |
| 9H176 | Letters Burkgov TRUMP | 223 | 159 | 91 | 17424 | 3.6 | 633 | +1551 | -.02 | +53 | +190 | +0.53 | 80 |
| 9H568 | Ovaltop INDEPENDENCE | 56 | 47 | 69 | 18005 | 3.7 | 665 | +1612 | -.05 | +50 | +189 | -0.10 | 46 |
| 7H058 | Round Oak Rag Apple ELEVATION | 44510 | 8816 | 99 | 18228 | 3.6 | 662 | +1477 | -.02 | +51 | +182 | +2.32 | 99 |
| 9H602 | CREEK-Bluff Elevation Lester | 27 | 13 | 55 | 19801 | 3.7 | 737 | +1283 | +.07 | +57 | +179 | +2.32 | 47 |
| 9H554 | Creek-Bluff J S NOAH | 79 | 63 | 80 | 17554 | 3.7 | 650 | +1356 | +.00 | +49 | +171 | -0.87 | 67 |
| 9H557 | Killdee Astrochief WISEMAN | 76 | 58 | 77 | 17037 | 3.6 | 615 | +1340 | -.04 | +43 | +160 | +0.43 | 52 |
| 9H504 | Brooks-Twain Apollo KING | 88 | 74 | 84 | 17088 | 3.7 | 626 | +1366 | -.08 | +38 | +153 | +0.42 | 75 |
| 9H524 | Kingstead Elevation MATADOR | 77 | 61 | 82 | 17588 | 3.4 | 604 | +1578 | -.18 | +29 | +153 | +1.16 | 63 |
| 9H577 | S-S-F Gay Ideal BUBBLER | 45 | 37 | 66 | 17055 | 3.4 | 587 | +1521 | -.16 | +30 | +151 | | |
| 9H194 | Valley-Pond REX | 56 | 49 | 79 | 17999 | 3.6 | 647 | +1466 | -.14 | +31 | +149 | -0.67 | 67 |
| 9H538 | Zion-View Elevation NUGGET | 48 | 43 | 73 | 17119 | 3.8 | 652 | +1052 | +.06 | +47 | +147 | +0.26 | 56 |
| 9H588 | Dandy-Lea Bicentennial BART | 38 | 32 | 61 | 17625 | 3.8 | 670 | +1249 | -.04 | +39 | +147 | | |
| 9H632 | Md-NEW-HOPEs Rebel Elevation | 32 | 6 | 39 | 20170 | 3.5 | 712 | +1319 | -.08 | +35 | +145 | +1.70 | 39 |
| 9H185 | U-of-Md B B CHIEF | 129 | 81 | 88 | 17026 | 3.6 | 619 | +1107 | +.00 | +40 | +139 | -1.02 | 74 |
| 9H562 | Buckstead ULYSSES | 78 | 61 | 77 | 17452 | 3.7 | 639 | +1176 | -.05 | +35 | +136 | -0.09 | 62 |
| 9H574 | Dorloy Monitor DINO | 47 | 42 | 66 | 18163 | 3.6 | 658 | +1250 | -.09 | +32 | +136 | +0.22 | 42 |
| 9H143 | Hillhaven Standout JOB | 6134 | 2001 | 99 | 17694 | 3.7 | 646 | +1122 | -.03 | +36 | +134 | -0.41 | 99 |
| 9H196 | Shardale Arlinda Chief JEMINI | 73 | 54 | 81 | 17679 | 3.8 | 674 | +916 | +.07 | +44 | +133 | +1.72 | 80 |
| 9H148 | Will-Tri Frans LEGACY | 377 | 246 | 94 | 16783 | 3.7 | 621 | +1048 | -.01 | +37 | +130 | +0.41 | 87 |
| 9H200 | Conant-Acres TEX | 101 | 63 | 85 | 16458 | 3.6 | 593 | +1188 | -.09 | +30 | +129 | +0.13 | 60 |
| 9H497 | Rosemere Fury IVAN | 3485 | 1358 | 99 | 17232 | 3.7 | 629 | +1104 | -.05 | +33 | +128 | -0.07 | 99 |
| 9H511 | Colo-S-U CLIPPER | 448 | 249 | 96 | 17753 | 3.5 | 614 | +1490 | -.25 | +15 | +125 | +0.33 | 94 |
| 9H545 | Great-View Brahms BEST | 64 | 51 | 76 | 17411 | 3.7 | 640 | +1023 | -.06 | +28 | +114 | +0.08 | 63 |
| 9H533 | Yules-Pride Elevation ACE | 78 | 61 | 81 | 16856 | 3.8 | 635 | +847 | -.01 | +30 | +106 | +2.26 | 80 |
| 7H2172 | Lillywhite Citation ALBAN-RED | 47 | 30 | 69 | 16847 | 3.5 | 592 | +772 | -.09 | +14 | +75 | | |

## Color Breed Sires Predicted Difference Averages:

| CODE | NAME | DTRS | HERDS | % RPT | DAUGHTER AVE. MILK | % | FAT | PREDICTED DIFFERENCES MILK | % | FAT | $$ | HFA PDT | % RPT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **GUERNSEY** | | | | | | | | | | | | | |
| 3G145 | Kellogg Minnie's CHOICE | 3704 | 805 | 99 | 12179 | 4.6 | 554 | +1416 | -.10 | +56 | +186 | +1.2 | 98 |
| 9G89 | Metzger Farm ROLEX | 53 | 21 | 68 | 10738 | 5.0 | 539 | +890 | +.18 | +60 | +157 | +0.0 | 56 |
| 7G1036 | Western Glow Wistar PREMIER | 164 | 76 | 88 | 12652 | 4.8 | 603 | +1000 | +.08 | +55 | +156 | +0.2 | 89 |
| 7G142 | Welcome Wistar FANCY | 181 | 83 | 89 | 11821 | 4.5 | 530 | +1005 | -.17 | +30 | +116 | +0.9 | 83 |
| 9G84 | Yellow Creek DORAMOST | 300 | 92 | 91 | 11002 | 4.7 | 519 | +594 | +.00 | +28 | +85 | +0.5 | 88 |
| 9G88 | Brooknook Momento's STARFIRE | 117 | 42 | 82 | 10609 | 4.5 | 474 | +549 | -.21 | +5 | +45 | +1.1 | 74 |
| **JERSEY** | | | | | | | | | | | | | |
| 3J110 | Shadewell FASCINATOR | 298 | 122 | 93 | 11446 | 4.8 | 553 | +1377 | -.09 | +60 | +190 | +0.2 | 82 |
| 9J43 | Generators Orator of OGSTON | 263 | 79 | 91 | 11451 | 4.5 | 516 | +1402 | -.51 | +19 | +125 | -1.4 | 83 |
| 3J108 | EHV Silver VERMONTER | 294 | 126 | 93 | 10998 | 4.9 | 534 | +887 | -.09 | +36 | +118 | +0.6 | 85 |
| 9J46 | W.F. Secret JAVELIN | 83 | 35 | 78 | 10746 | 4.6 | 498 | +1059 | -.26 | +28 | +117 | -0.9 | 64 |
| 9J50 | SILVER Certificate | 56 | 31 | 71 | 10617 | 5.1 | 538 | +671 | +.03 | +37 | +105 | +0.3 | 55 |
| 9J42 | FINALIST of Marlu | 113 | 36 | 79 | 10559 | 4.9 | 513 | +776 | -.15 | +25 | +93 | +0.0 | 54 |
| 9J49 | PRODUCTION Plus | 167 | 51 | 85 | 10298 | 4.9 | 507 | +623 | -.06 | +26 | +84 | +0.8 | 79 |
| **AYRSHIRE** | | | | | | | | | | | | | |
| 9A32 | Reidina Dawner GALLANT MAN | 148 | 54 | 84 | 12904 | 3.9 | 508 | +1313 | -.02 | +49 | +168 | -1.1 | 73 |
| 9A35 | Oak Ridge Gretas PREMIER | 45 | 20 | 60 | 12159 | 3.9 | 476 | +811 | -.04 | +27 | +98 | +0.2 | 34 |
| 9A30 | Oak Ridge COMMANDERS STAR | 651 | 169 | 95 | 11965 | 3.9 | 468 | +722 | -.08 | +20 | +81 | +0.4 | 90 |
| 9A76 | Milaway ALBI | 554 | 152 | 95 | 12381 | 4.0 | 493 | +533 | +.04 | +26 | +78 | +0.7 | 90 |
| 9A79 | Mar-Ral Fickles BOY | 650 | 232 | 96 | 12295 | 3.8 | 467 | +757 | -.13 | +15 | +75 | -2.2 | 90 |
| **BROWN SWISS** | | | | | | | | | | | | | |
| 7B625 | Nakota Pavanne EVILO | 291 | 166 | 93 | 15659 | 3.8 | 601 | +2409 | -.20 | +68 | +272 | -0.3 | 91 |
| 21B415 | West Lawn Stretch IMPROVER | 691 | 246 | 96 | 14632 | 4.0 | 582 | +1589 | -.07 | +55 | +196 | +0.8 | 94 |
| 7B629 | E E Beautician KING | 289 | 135 | 91 | 15065 | 3.9 | 585 | +1563 | -.16 | +41 | +172 | +1.3 | 84 |
| 9B56 | White Cloud Doreen's DELegate | 3721 | 770 | 99 | 14051 | 4.0 | 557 | +1245 | -.04 | +45 | +157 | +0.5 | 99 |
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| 21M515 | Korncrest PACESETTER | 129 | 42 | 81 | 13433 | 3.7 | 490 | +1990 | +.02 | +76 | +257 | | |

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# The Sauders move "underground"

The west wall of the Sauders' home is the only exposed wall. The roof and sloping sides of the garage are covered with three feet of earth. The roof is seeded and planted with shrubs to help absorb the water. All of the very lovely landscaping is functional. The facing of the roof will eventually be covered with wood shingles.

BY SALLY BAIR
Staff Correspondent

Imagine living in a home which has a constant summertime temperature of 74 degrees, with no threat of freezing in the winter even without heat. Imagine the comfort! Imagine the energy savings!

Such a home is not an impossible dream. It is a reality for Jonas and Rebecca Sauder, a local couple who moved into their earth-covered home along the Marietta Pike west of Centerville nearly 2½ years ago.

The home offers 2,300 feet of airy, well-planned living space, along with an extremely lovely view of some of Lancaster County's most beautiful farmland. The front of the well-landscaped house is attractively faced in stone and the two-car garage is clearly visible as one drives up the curving driveway. It could be an ordinary rancher - except that it is nestled into a hillside and three walls are completely covered with earth. Also, unlike an ordinary rancher, there is ample room on the well-kept lawn on the roof for a croquet game, or perhaps a family picnic.

If the thought of living "underground" is unappealing, a visit to this home quickly dispels any such notion.

The Sauders got the idea for building an earth-covered house at the time they needed to move from their first tiny home to make room for an expanding family. After seeing plans in a magazine, Jonas concluded, "It's the only logical way to go."

Before they made the final decisions, they traveled to see one in Illinois and it was there that they acquired a set of plans drawn up by an architect and an engineer which provided specifications for roof spans and reinforcement. These plans were used for outside specifications, but the Sauders eventually made their own floor plan.

Asked if their friends were skeptical when they decided to go with the underground house, Jonas admitted that some were. "Some thought it was an excellent idea and there were many who said they would not do it themselves. Some thought we would be sorry."

But sorry is something the Sauders have never been. Rebecca says, "We are not sorry. It just seems like a comfortable way to live, rather than fighting the elements. It seems right."

They are very enthusiastic about their home and feel it would be beneficial for others to consider, especially in this section of the country which affords so many rolling hills and protected areas. Rebecca says, "When we drive around, Jonas will say, 'There is a beautiful hillside for an underground house.' ".

Jonas points out, "Ecologically this is much better. The only runoff is from the driveway."

The house is nestled at the edge of a wooded area, and was situated to take advantage of the natural slope of the land. Consequently the house faces west, which does not allow the benefits of solar heating, but which does allow the sun to shine deep into the house as the sun gets lower in the afternoon.

The 2,300 square feet of living space is divided into a spacious kitchen, a dining area, a living room and playroom, three bedrooms, an "attic" room for storage and a study, all on one floor.

Two large skylights allow a tremendous amount of light to flood the living area. The Sauders added more windows along the west wall than plans called for and now Jonas says, "We wouldn't put in quite as many as we did." But Rebecca says, "We have plenty of light. We don't burn any more lights than in a conventional house."

The bedrooms are at the back of the house and two of the three have one window which receives light from a very deep window well extending to the top of the roof and sod. This window well serves not only to let in light, but also to act as an emergency exit. There is a built-in ladder for escape should it ever be necessary.

They have a west-northwest exposure but because they are at the edge of the woods, Jonas says, "The wind doesn't hit us with full force. It tends to go up over."

Of course, the obvious advantage to the house is the constant temperature. About the coolness in the summer Rebecca says, "That is one of the biggest advantages, at least one which I've appreciated most."

In the winter the Sauders heat entirely with a wood stove, using a space heater in the bathroom. The modern wood stove has a heat exchanger built into it. Most of their house is kept around 71 degrees with the wood stove and the bedrooms stay in the low sixties.

Although it took a lot of wood last winter to do the heating job, Jonas felt it was because he was cutting poor quality dead wood as needed from the woods around them. This year they will be using more seasoned wood and hope it will take less.

Of course what serves as an insulator is the three feet of earth which covers all but the west wall of the house. Half of the roof has been seeded with grass and the remainder will eventually have shrubs and other greenery. Shurbs are recommended for the roof of an earth-covered house to take up the rain. They also act as a screen, preventing anyone from accidentally walking off the roof and landing on the driveway.

The garage, 1,200 square feet of space, is completely covered with earth, and in winter does not get below 38 degrees. In the summer it is so cool that there is condensation on the car when it is driven out into the heat on especially humid days.

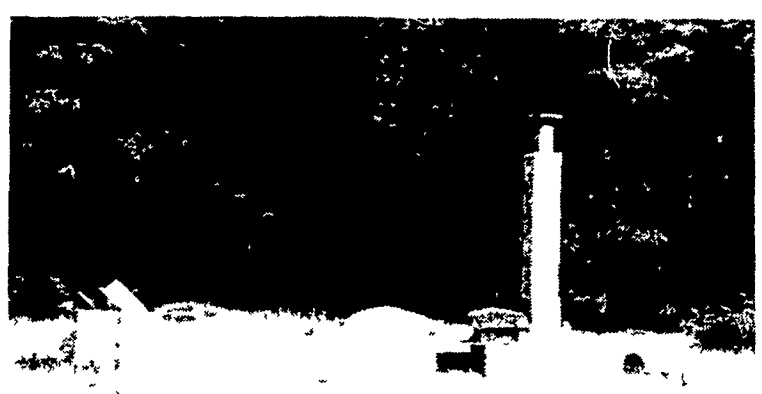
The garage takes the place of a basement, and was comparatively inexpensive to build because there was no finishing. For that reason, the Sauders made it extra large to accommodate two cars, wood storage, a workshop, a play area, yard and garden tools and to serve as an area for church services. Practically, the Sauders note that it would be impossible to add a room to an underground house, so they feel the large garage could yield a room if it became necessary.

Jonas, a principal-teacher at the Lititz Area Mennonite School, served as his own contractor and worked with his cousin, David Fidler, a self-employed carpenter. "We just went at it," he recalls. Although the outside is very different from conventional housing, the inside is more traditional with studded and paneled walls. Additional carpenters were hired to help finish the house.

There are a few special considerations in building an earth-

(Turn to Page C4)

## Homestead Notes



ABOVE — A view from the top of the Sauders' earth-covered house shows the domes for the two skylights which flood the living quarters with light. This also gives a small hint of the beautiful view seen from the roof of the house. Shrubs will eventually cover more of the roof, with the seeded area remaining the same.

LEFT — A study for Jonas is one of the rooms which occupies the west side of the earth covered home. One wall in the study features a stone interior. It is a well lighted, cherry room, which might be found in any conventional home.

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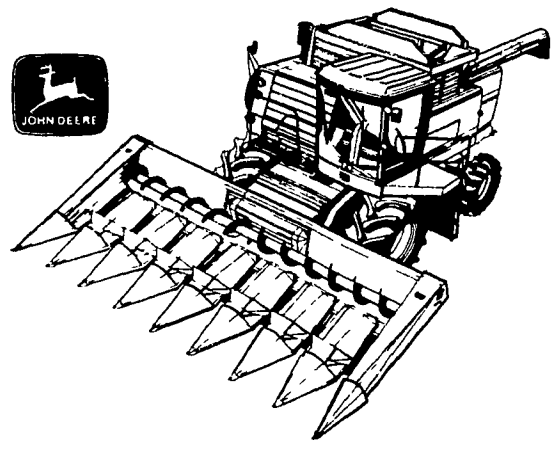

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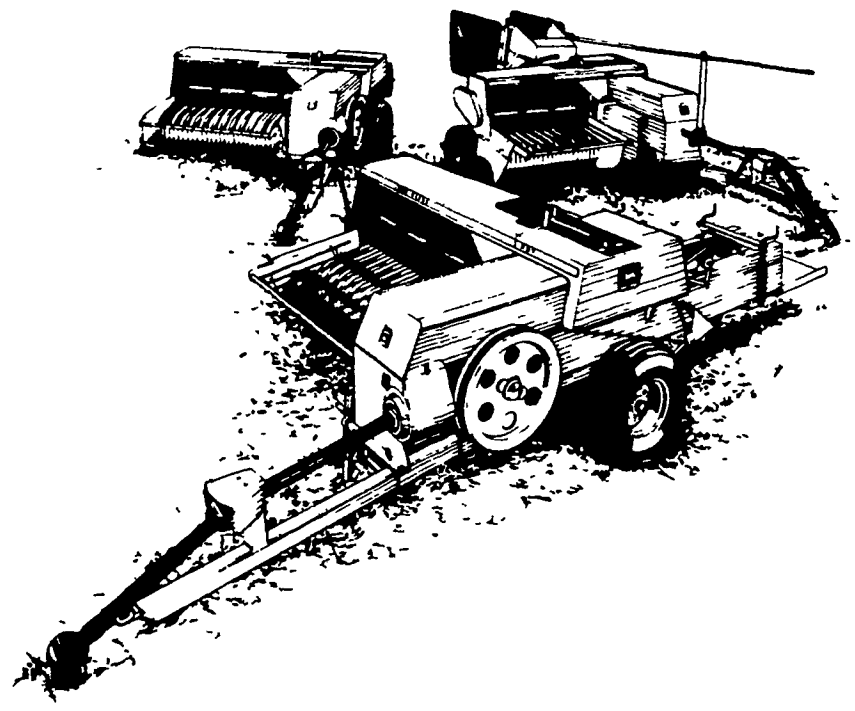

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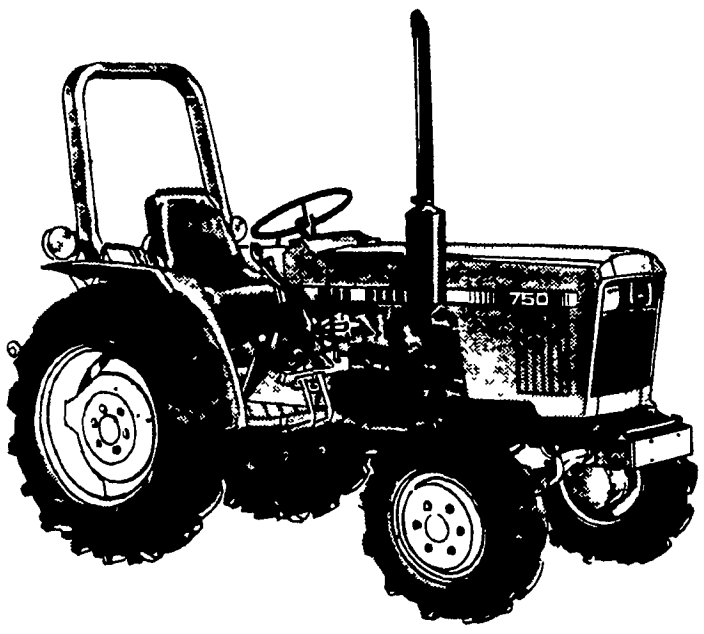

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# The Sauder home

(Continued from Page C2)

covered house, the first being the necessity of having a solid subsoil. Jonas pointed out, "That is no problem here."

The pillar foundations are all reinforced, he notes, with seven foot square slabs which are 1½ feet thick.

The whole house is poured concrete and steel reinforcement, with a higher than average grade concrete used throughout. The walls were poured in sections on the ground and then erected on the footers. Jonas acknowledged the good fortune of having a farmer brother, Paul, who brought his John Deere 4430 tractor to assist with this step.

The outside wall is stone veneer. "That was my idea," Jonas said. For that they poured a six-inch structural wall, insulated that and finished it off with two inches of driveway stone. Rebecca sorted the stone from the ballast delivered for their driveway.

An earth-covered home must be very strong, and Jonas said their roof is rated to carry 500 pounds per square foot. He estimates, however, that the highest theirs ever holds is 400 pounds, when saturated with water.

Rebecca pointed out that there are no unusual building materials used in the home. Several steps were taken to ensure a dry interior however. The concrete is covered with a cement base waterproofing, followed by one inch urethane foam sprayed on the outside of the whole house, covered with 6 mil polyethelene on the roof and walls. As a double precaution, the roof is also tiled.

While water has to be a major consideration in such a project, it is not a serious problem. Most of the water runoff problem is taken care of with a swale which diverts water from the roof of the home.

They had a professional excavator do the grading for the house and Jim Keener, a landscaper, helped with the extensive landscaping, which is not just for beauty but is also functional. The landscaping serves to keep the ground in place on the sloping sides of the garage, so they hope to have the ground cover take over as quickly as possible.

The expenses of building the home would be comparable to equal accommodations in a conventional rancher with a full basement. But Jonas speculated that to hire a contractor the price of an earth-covered home might be higher. Newer methods of building might negate any higher costs, however. There is now a way to shoot concrete onto a frame, which would be quicker and easier than pouring and lifting the slabs as the Sauders did.

The interior is finished in a conventional way, with some outside walls plastered, some having lath and paneling and some having lath and dry wall. Two walls have a stone finish on them. Half of the floor space is wood, plywood on lath, and linoleum and carpet are used in other areas. The interior could be inside any home, with the modern, functional kitchen a pleasure for any homemaker.

Some of the advantages of the home are not as obvious as the stable temperature. Jonas states, "It is significantly less of a fire hazard. There is only the concrete shell, although there are studded partitions. Over half the wiring is in concrete in the roof and walls.

Rebecca adds, "I don't worry about thunderstorms when I am alone with the children. It is unlikely that we would get any damage from a windstorm."

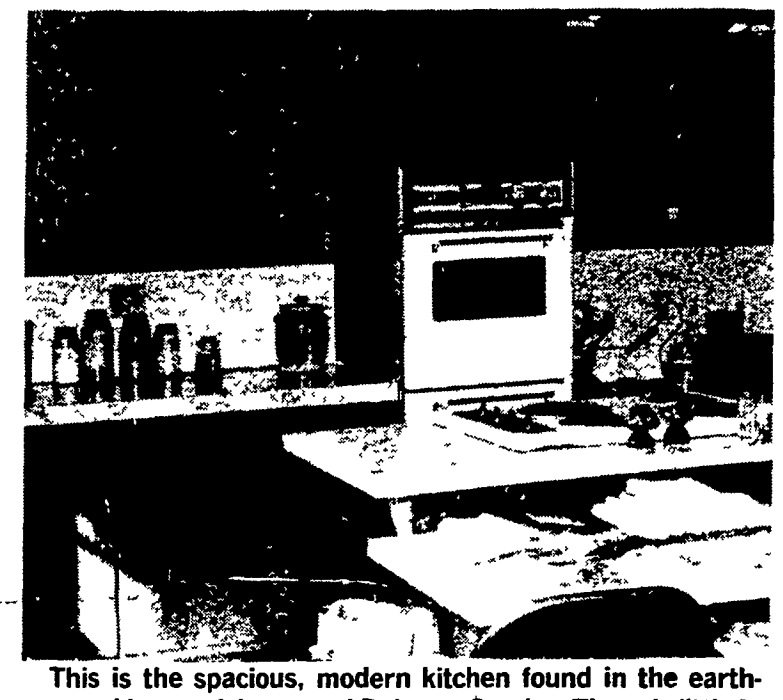
Indeed, Jonas points out that earth-covered homes are much more popular in the midwest where there is a very real threat of damage from tornados and winters are much more severe.

The one problem they have experienced is the potential for condensation in very humid weather. They close the outside windows on those days - just like with air-conditioning - and run a dehumidifier.

They are happy for visitors, but do appreciate a phone call beforehand, and sometimes gather several interested people for one visit. Of the people who have come to see their home, a high percentage of them have been ready to build, according to Jonas. "The people who sought us out were very serious," he adds. According to their plans, there are probably several other houses either built or under construction in the county.

In addition to having the first earth-covered home in the area, Rebecca believes they may have the first baby delivered in an earth-covered home. The first of their twenty-one month old twins was delivered at home as planned. However, because of complications, she went to the hospital to deliver the second baby. Both Michael and Myron are oblivious to any difference in their snug home built into a hillside, as is four-year-old Jonathon.

Jonas and Rebecca remain enthusiastic about the benefits of an earth-covered home, both for themselves and for their environment.



**This is the spacious, modern kitchen found in the earth-covered home of Jonas and Rebecca Sauder. There is little in the interior which makes it different from other modern homes.**


ELMIRA OVAL WOOD OR COAL BURNING
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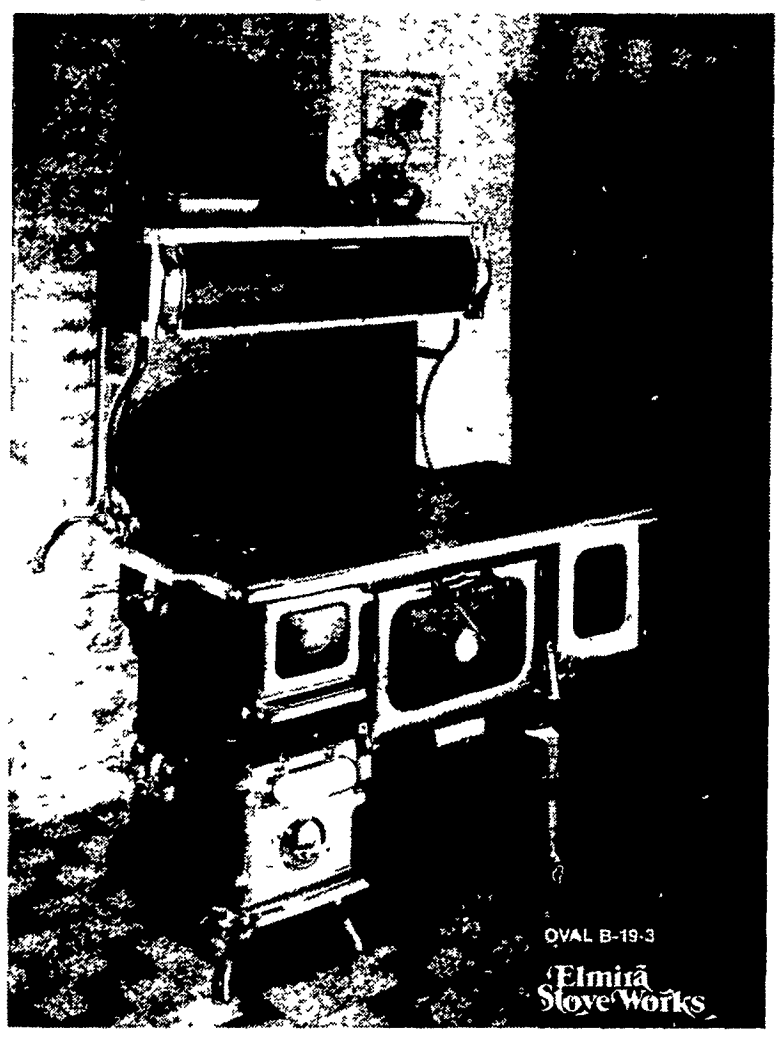


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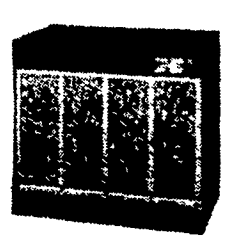
7150-C
Coal & Wood Heater
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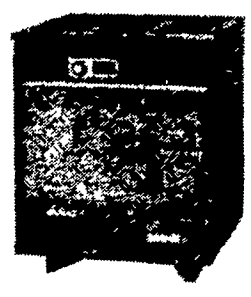
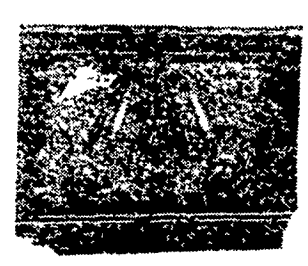

7150B
Coal & Wood Heater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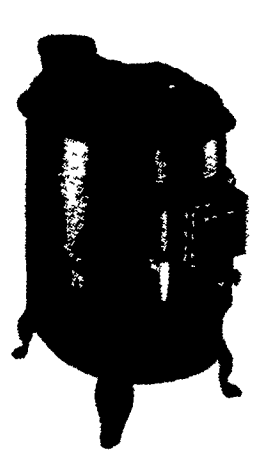
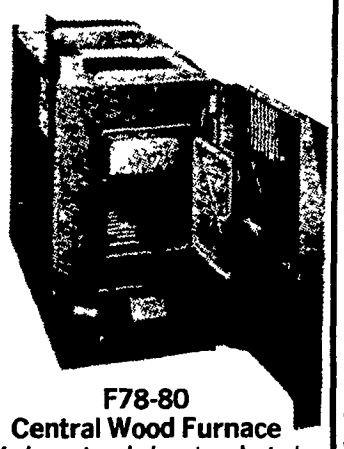

25-HFR Wood Heater
Ashley Columbian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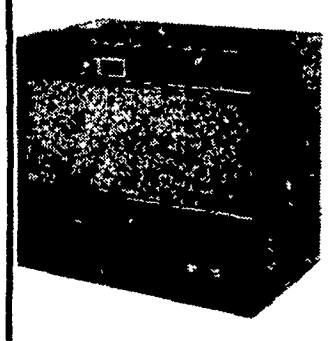
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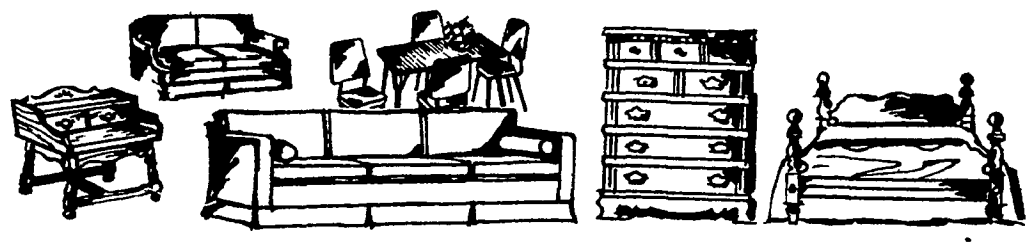

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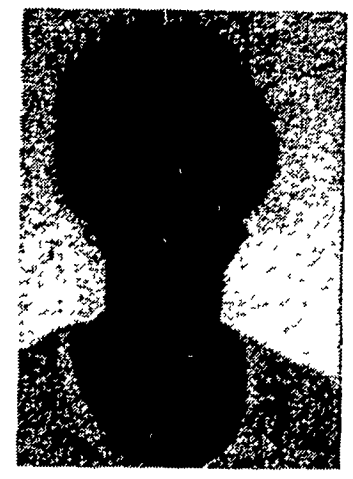

# On being a farm wife - And other hazards

**Joyce Bupp**

Picture, if you will, a field of lush corn, tasseling in the hazy, hot August sun, promising a bountiful yield of golden, fat ears.

Coloring this pastoral scene is a herd of cattle, peacefully lounging and grazing, contentedly growing fat off the fruits of the land.

Now pencil into this scenery a tiny hole in the fence and you have the setting for what I call the Midsummer Marathon.

Or what's better known as "those doggone heifers are out again!"

Escape is never sweeter for a bovine bunch than when the corn towers knee-high to Paul Bunyan. For than the stalks are at the juiciest, the leaves are cracklin' cryspiness to a cow's cud and the budding ears taste sweet with a milky flavor.

Even in early July, an errant cow or heifer jogging through the cornfield can readily be spotted and headed off at the corner or down around the bend. But by August, only waving rows of tassels hint at where old Bossy is making tracks, and she can readily sneak away to hide in the woods and grin a four-belly-laugh at a frustrated round-up crew.

And this it was with dismay that I received the dreaded news last week that our herd of yearling heifers were lounging way over the hill in Grandpa's back yard. The farmer was away (how do those rascals always know?), but we managed to gather a credible possee of two experienced cow-chasing men, two kids, one farm wife, one dog, Grandpa on the tractor and Grandma cheering us on from the porch.

They had found refuge, all corralled and peaceful, gathered in a cluster at the dry bottom of a pond drained for enlargement.

It was a scene strikingly similar to one in a recent television movie, "Bitter Harvest," based on the contamination of thousands of dairy cows by a fire retardent erronerously mixed in with the feed. Dozens of herds had been chased into such deep pits, shot, and buried on the spot.

Someone muttered that similar action might be appropriate here, or we might be able to flood the pond and float them downstream. Since we live upstream, that solution was discarded. Blessedly, the heifers returned the quarter-mile back home over the hills with little additional misbehavior.

Score: farmers, 1; heifers, 0.

So who needs baseball when you can keep summer interesting with such seasonal participant sports?


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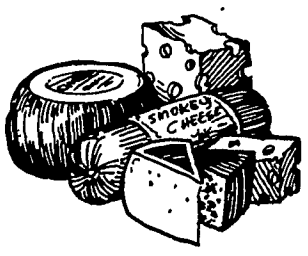
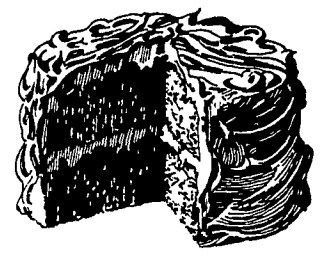



# Home On The Range



## Jam stretches the fruit season

It the taste of summer fruit in winter sounds appealing, don't let fresh, juicy fruits escape the marketplace too quickly. They combine well in delicious jams that will provide eating pleasure during the months ahead.

**RHUBARB JAM**

5 c. rhubarb, cut up
4 c. sugar
1 pt. black raspberry gelatin

Cover rhubarb with sugar and let it stand overnight. Cook until mixture begins to boil, then boil 5 minutes. Remove from heat and stir in gelatin.

Pour in jars and seal.

**Mrs. Charles, Biehl, Mertztown**

**GREEN TOMATO JAM**

8 c. green tomatoes
4 c. sugar
2 lemons
1/4 c. vinegar
1 T. powdered cinnamon or 1 t. ginger

Wash the tomatoes and remove any spots. Cover with boiling water and let stand 5 minutes. Drain and slice into thin pieces. Add layers of sliced lemon and sugar. Add vinegar and sprinkle with spice.

Let mixture stand overnight. In the morning cook rapidly until the tomatoes are clear and the liquid is like syrup. Pour into hot jars and seal.

**Wilma Burkholder, Mifflinburg**

**CORN COB JELLY**

12 corn cobs, dried red, washed and broken
3 pints water

Boil cobs in water 30 minutes Strain liquid (cheese cloth).
3 cups juice needed

Add more water it necessary. Add 1 box of sure-jell and bring to rolling boil

Add 3 cups of sugar and boil 2 to 3 minutes. Pour into jelly glasses and seal Tastes like apple jelly.

**Mrs. Chester Warren, Malehorn Rd., Chester Springs**

**KIEFFER PEARS AND PINEAPPLE JELLY**

6 lbs. sugar
4 lbs. pears
2 cans or 1 large can pineapple

Put pears through meat grinder. Combine ingredients and boil for 40 minutes.

**Lucy Eberly, Narvon**

**VIOLET JELLY**

1 c. violet blossoms, packed tightly
3/4 c. water
2 T. lemon juice

Blend to a paste then add:

2 c. sugar and blend slowly. Stir one package sure-jel into 3/4 cup water. Bring to a boil and boil 1 minute. Blend with other ingredients for 1 minute.

Pour into jelly glasses and freeze when cooled. This jam also keeps for 3 weeks in the refrigerator without freezing.

**Mrs. Aaron Martin, New Holland**

**PEACH JELLY**

12 c peaches
5 c sugar
1 1/2 c dry jello, strawberry or orange jello

Cook peaches and sugar for 20 minutes, then stir jello in with peaches and sugar. Put in jars and seal

**Vera Shirk, Mifflinburg**

**PEAR JELLY**

8 lbs crushed pears
7 lbs. sugar
1 large pineapple

Boil well and keep stirring. The longer you boil the darker it gets. Put in jars and seal.

**Miriam Shirk, Mifflinburg**

**STRAWBERRY JAM**

1 quart strawberries
4 c. sugar
1/2 c. unstrained lemon juice

Wash, drain, and hull berries. Measure 4 cups. Crush berries in large kettle.

Place in layers in 12-quart preserving kettle, covering each layer with sugar. Let stand 4 hours.

Bring slowly to full rolling boil and boil vigorously 8 minutes.

Add lemon juice and again bring to full rolling boil. Then boil 2 minutes longer.

Skim, then turn into hot, sterilized jars filling to 1/2 inch of top, and seal at once.

**Becky Smith, Broad Top**

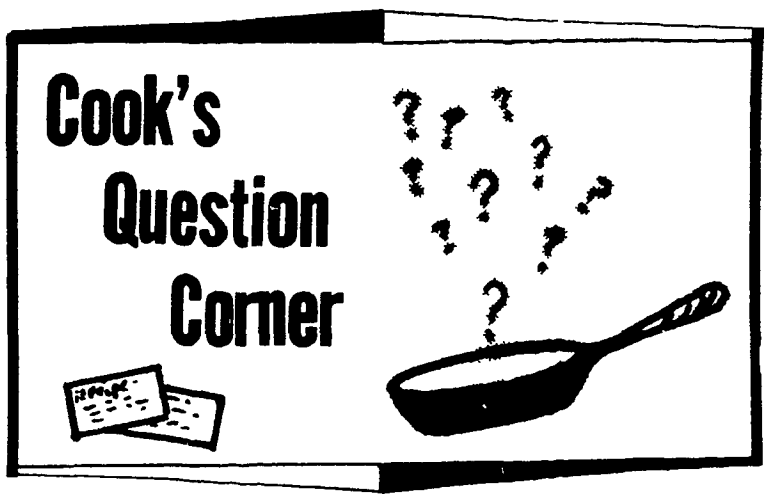
**WINE JELLY**

Measure 3 cups sugar into top of double boiler. Add 2 cups wine (sherry, sauterne, burgundy, port, muscatel or tokay); mix well.

Place over rapidly boiling water and heat 2 minutes, stirring constantly.

Remove from water and at once stir in 1/2 bottle liquid fruit pectin. Pour quickly into glasses. Paraffin at once. Makes about 5 6-ounce glasses

**Donna Miller, Harrisburg**




**QUESTION - Is there a difference between cultured butter milk and the buttermilk you have after making butter and if so what is the difference? I would also like some recipes to use that butter milk that is left over after making butter.**

**Wanda Zeigler, Dillsburg**

**ANSWER — Mrs. Zeigler and other buttermilk lovers; we put this question to Michelle Rodgers, Lancaster County Extension home economist and she reported the following: Commercially prepared buttermilk is a cultured milk product prepared from pasteurized or sterilized milk. Certain desirable bacteria cultures yield a variety of milk. Today buttermilk is not the by-product from turning cream into butter. Most cultured butter milk marketed in the U.S. is made of fresh skim milk. However, cultured butter milk may be made from fresh fluid whole milk, concentrated fluid milk or reconstituted non-fat dry milk.**

**Recipe Topics**

| | |
|---|---|
| **July** | |
| **August** | |
| 1 | Jams and Jellies |
| 8 | Summer Salads |
| 15 | Pears, Plums and Zucchini |
| 22 | Tomato Tempters |
| 29 | Egg Specials |

## *Solutions to your Jam/Jelly making problems*

| PROBLEM | CAUSE/RECOMMENDATION |
|---|---|
| Jam/jelly is too soft or runny | Inaccurate measure of fruit and/or sugar; measure carefully.<br>Jel Ease or Pen-Jel added to boiling fruit or juice. Pectin should be added to cold juice.<br>Jam/jelly did not reach a full rolling boil (one that cannot be stirred down). Mixture must be boiled hard for 1 full minute.<br>Made too large a batch at one time Do not double recipe |
| Jam/jelly is tough | Inaccurate measurement of fruit and/or sugar; measure carefully. |
| Jam/jelly is gritty or contains sugar crystals. | Undissolved sugar from side of pan washed into jelly when it was poured. Ladle jelly into jars or wipe pan free of sugar crystals before pouring. |
| Jam/jelly is low in fruit flavor | Under-ripe fruit, use fully ripe, high quality fruit.<br>Jelly stored too long, causing flavor to deteriorate. Do not store over 1 year. |
| Jelly weeps" | Storage area too warm Store in cool, dark, dry place. |
| Jelly is cloudy | Jel Ease or Pen-Jel added to boiling fruit or juice. Pectin should be added to cold juice.<br>Under-ripe fruit; use fully ripe fruit.<br>Fruit overcooked before juice was extracted; cook only until tender<br>Fruit squeezed through jelly bag; maximum clarity is achieved when fruit is allowed to drip. |
| Jam/jelly ferments or molds | Inadequate seal (usually on jars that were sealed with paraffin). Use jars with two-piece lids and test for seal before storage. Jars sealed with two-piece vacuum lids can be water bath processed for 5 minutes to assure a good seal without a deterioration in quality of the jam or jelly Destoy any jam or jelly with mold or yeast growth. |

# Local fruits, vegetables coming on strong

NEWARK, Del. — The harvest season is right on schedule for Pennsylvania-grown fruits and vegetables, with an abundance of flavorful, colorful produce literally pouring out of the fields now. People with home gardens are already well aware of this bounty, but non-gardening consumers can enjoy it, too. It's available from many local outlets.

As of this writing, supplies of summer squash, snap beans, cucumbers, blueberries and sweet corn are at or near their peak. And tomatoes, potatoes, peaches, carrots, lima beans, sugar baby watermelons and cantaloupes will soon be coming on strong.

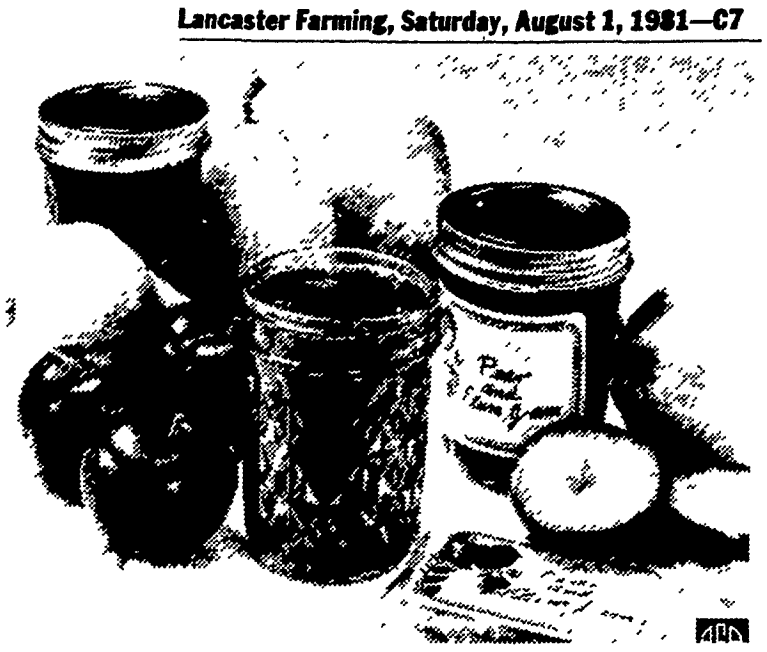
Consumers interested in buying locally grown fruits and vegetables for either fresh use or home processing have several alternative sources. They can go directly to the farm and pick their own, they can buy wholesale at the farm, or they can buy retail from roadside markets. In some communities, supermarket produce managers also carry some seasonal, Pennsylvania grown fruits and vegetables.

Regardless of how much you want and how fresh you want it, you should be able to find some at reasonable prices at this time of year from any of these sources.

Wherever you shop, look for produce that's fresh-picked and stored properly, to assure freshness and quality. This means the commodity should have been cooled down, if it's been trucked any distance. Small stands may not have the facilities for refrigerating their stock, but it should be displayed in the shade and it should be fresh-picked.

"Steer clear of produce that's sitting in the hot sun." It soon loses its taste, nutritional value and overall quality. And it will probably have a very short storage life after such treatment. You're better off looking for items you know are currently being harvested locally. That way, chances are greater that it will be fresh from the field.

Select sweet corn with husks that are crisp, bright green in color, not dry or wilted. Kernels should be full and glossy, not dull and shriveled. Most places prefer that you don't strip the husks back to examine the kernels, as this spoils the corn for someone else if you don't buy. But if you explain what you want, they'll show you a sample and try to pick out ears to your liking.



Squash and cucumbers should have good color, glossy skin and firm flesh with no signs of wilting or rot. Look for unbroken skin that's free of signs of excessive handling. Also, look for both squash and cukes that aren't overly large or they're likely to be hollow and tough-seeded.

Snap beans should be a nice, bright green with firm flesh that snaps readily. The beans shouldn't be overly large or they're likely to be tough and fibrous.

It shouldn't be hard to find lots of top quality produce around the state now and right through August and September.

# Broiler placements continue upward

HARRISBURG — Placements of broiler chicks in the Commonwealth during the week ending July 18 were 2,364,000, according to the Pennsylvania Crop Reporting Service.

The placements were 15 percent above the corresponding week a year ago and one percent above the previous week. Average placements during the past nine weeks were four percent above a year earlier.

Placements in the 19 key poultry producing states were 78,030,000, five percent below the previous week but three percent above the same week a year ago. Average placements in the past nine weeks were five percent above a year earlier.

Broiler-fryers slaughtered in Pennsylvania under federal inspection during the week ending July 8 totaled 1,597,000, with an average liveweight of 4.10 pounds.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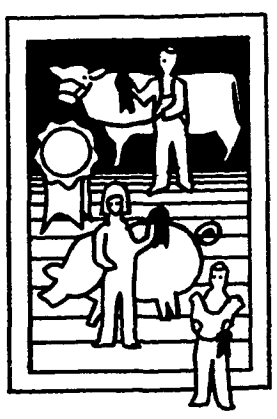

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SCHEDULE of EVENTS:

Sunday, AUGUST 9th
- Ham Bar-B-Q 11:30 a.m. - 2:00 p.m.
- Judge Rabbits - 1:30 p.m.

Monday, AUGUST 10th
- Judge Building Exhibits (Building Exhibits open to Public - 6:00 p.m.)
- Dairy Goat Show - 3:30 p.m. Also Judge Poultry Exhibits
- Lebanon Co. Tractor Pull - 7:00 p.m.
- Centurians Quartet - 8:00 p.m. - 11:00 p.m.

Tuesday, AUGUST 11th
- 4-H & FFA Dairy Show (type) 9:00 a.m.
- Dog Obedience Show - 6:00 p.m.
- Dairy and Farmers Night - 7:00 p.m. (Calf Dressing, Hand Milking Contests, Bale Throwing, Tobacco Spitting, Wheel Barrow Contests)
- Shorty Long and the Sante Fe Rangers - 8:00 p.m. - 11:00 p.m.

Wednesday, AUGUST 12th
- 4-H & FFA Swine Judging - 9:30 a.m.
- 4-H & FFA Beef Judging - 1:30 p.m.
- 4-H & FFA Sheep Judging - 5:30 p.m.
- Big Wheel Contests - 7:00 p.m. - 4 years and under 5 years - 6 years - 7 years
- Western Square Dancing - Dave Kreiter caller 8-11 p.m.

Thursday, AUGUST 13th
- Open Dairy Show - 9:00 a.m.
- 4-H Horse and Pony Show - 9:00 a.m.
- Chicken Bar-B-Q - 2:00 p.m. - 8:00 p.m.
- Leb. Co. Lawn & Garden Tractor Pull - 7:00 p.m. ($1.00 per person 12 years and older)

Friday, AUGUST 14th
- 4-H Demonstration Contest - 9:00 a.m.
- 4-H & FFA Tractor Driving Contest - 9:00 a.m.
- 4-H & FFA Dairy (fit and show) Contest - 9:00 a.m.
- Class B State Sanctioned Tractor Pull - $4.00 per person at Gate - children under 12 free

Saturday, AUGUST 15th
- 4-H Beef, Hog and Lamb Sale - 1:00 p.m.
- Demolition Derby 7:00 p.m. - Admission - $3.00 Adults 12 and over - under 12 free
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# Jars are important in home canning

YORK — The jars you use to preserve home canned foods are important in achieving quality home canned foods says Marcell A. Seckman, Extension home economist.

Jars recommended for home canning are "Mason-type" jars, named for the man who designed the screw top still used today. Home canning jars are also identified with the manufacturer's name on the front. These jars are made of tempered glass to withstand changes during processing, especially pressure processing. The top rims of canning jars are designed to provide a sealing surface wide enough to accommodate a self-sealing lid.

Regular canning jars also have a "Mason-type" neck to allow you to tighten metal lids securely — enough to obtain a proper seal.

Jars without manufacturer's identification are made for commercially produced foods such as mayonnaise, pickles and instant coffee. These commercial jars can be used for canning acid foods in boiling water — they are NOT recommended for use in a pressure canner because they are more likely to break during the high temperature of the processing. However, if you choose to use them expect about 10% breakage.

Any jar used for home canning should be free of all cracks and chips. Even very fine, hairline cracks indicate a weakness in the jar. This means the jar is likely to break in the canner. Carefully examine the sealing surface of each jar for nicks, scratches or other defects by holding the jar at eye level and running your finger over the entire sealing surface. If you wear glasses for close work, make sure you have them on when making this test — hairline cracks are difficult to see. If there is any kind of bump or depression on the top sealing edge of the jar, the jar probably won't seal.

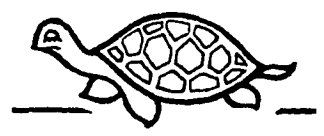
Home canning jars which contained spoiled food can be reused, however, examine them for defects very carefully before using. If acceptable, then sterilize them before reusing by boiling them in water for 15 minutes.

Make sure there are no cloudy scales or white deposits on the inside of jars because very heat-resistant forms of bacteria can be buried under them. If not removed, these bacterial forms could cause food spoilage in that jar. Although such deposits are difficult to clean, you can remove them by applying undiluted vinegar to the inside surface. After 2 or 3 hours, scrub the inside of the jar with a stiff brush or nylon net-type scouring pad — NOT metal as this type will scratch the jar.

If you are given used canning jars or are considering buying jars — perhaps at a garage sale — examine them carefully for cracks and smooth sealing surfaces and cloudy deposits. They may be a good buy if they are in good condition, but be sure you know the price of a similar quantity of new jars so you can compare prices.

Antique jars — those that are made of colored glass or that have little or no necks - are probably better thought of as antiques than canning jars. They were designed for use with shoulder sealing rings and the sealing surfaces may not be smooth or even enough for a good seal with modern metal lids.


DON'T BE SLOW



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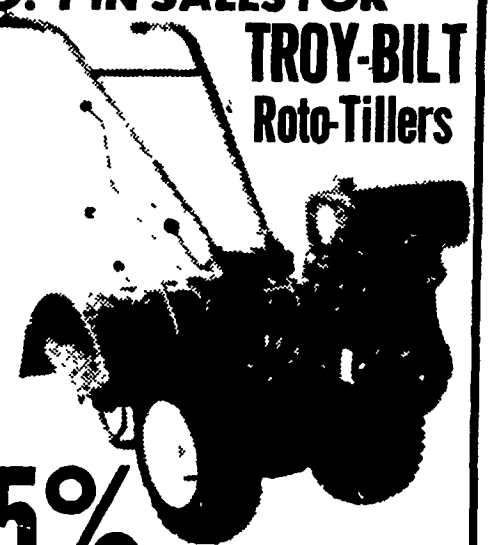

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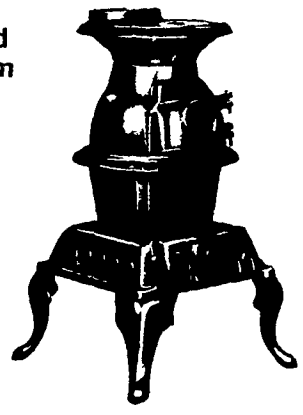

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# Farm Women Societies

## Lancaster Co. Society 15

Lancaster Society 15 met recently for a program by Susan Skiles, the Pennsylvania and Lancaster County Cancer Society's Miss Hope of 1981.

Susan, a graduate of the Lancaster General Hospital and employee at the General's neurological-surgical intensive care unit, represents cancer volunteers throughout the state.

Susan was presented with $25 from the Society to be given to cancer research.

Members have planned a day trip to Columbia in September and a seven-day trip to Tennessee on October 26.

The annual family picnic for Society 15 will be at Huffnagle Park, Quarryville on August 20.

## Lebanon Co. Society 20

Lebanon Society 20 enjoyed a covered dish family picnic at the home of Pattie Maulfair. Seventeen members and families attended.

Members made plans to attend the county convention at Tulpehocken Church. Arrangements are being made for the Charity Bazaar on September 11 and 12.

The next meeting will be held on August 20 at the Kauffman residence to play miniature golf.

## Lancaster Co. Society 2

On July 10, Lancaster Society 2 toured the Dauphin County Jail. Tour guide was Rev. Robert Turner.

Members were introduced to the counselor, Joseph Muller, who shared prison statistics concerning the prison facility and information concerning inmates.

The Society also visited the women on the outmate program. Also present were the Chaplin, Rev. D. Rissita and the department warden, Dennis Philber.

Rev. Robert Turner shared with the Farm Women experiences he encountered as a missionary. Ladies then shopped in Harrisburg.

Members returned from Harrisburg and held their July meeting at the home of president, Mae Hosler. Ladies voted to present Rev. Robert Turner with a love gift. Ladies will have a food stand at Daisy Hosler's home, sale on September 12.

Opal Ruhl, the Lancaster County president will be a guest at Society 2 picnic on August 8 which will be held at Ruhl's Picnic grove.

August 4 is the County Picnic on August 6, ladies will attend a banquet held at Teen Challenge. Members will bring quilt patches or thoughts for a quilt patch to the next meeting. Looking ahead to the bus trip planned for October 17, this will be a Mystery Trip.

## Lancaster Co. Society 7

Lancaster 7 met recently at Paradise Memorial Park.

Hostesses were Ella Kauffman, Ella Wenger, and Miriam Keneagy. Games were in charge of Faye Landis.

The September meeting will be at the home of Miriam Beane, Saturday, Sept. 12 at 2 p.m.

## Lancaster Co. Society 21

Lancaster Society 21 met recently with their children for a day at the beach, Cape May, New Jersey.

Committee members in charge of the day were Anne Steinberg, Abbie Bradley, Connie Groff.

Special June activities of Society 21 included an evening of miniature golf at the Village Green and an afternoon of entertainment at Conestoga View home playing Bingo.

The program planned for August will be a family picnic and swim party at the home of Barbara Long.

## Lancaster Co. Society 31

Lancaster Society 31 met recently at the home of Cindy Bollinger with Linda Landis serving as co-hostess.

A $200 donation was made to the county project, 4-H, this year.

The program for the evening was "Show and Tell," after which delicious refreshments were served.

(Turn to Page C10)


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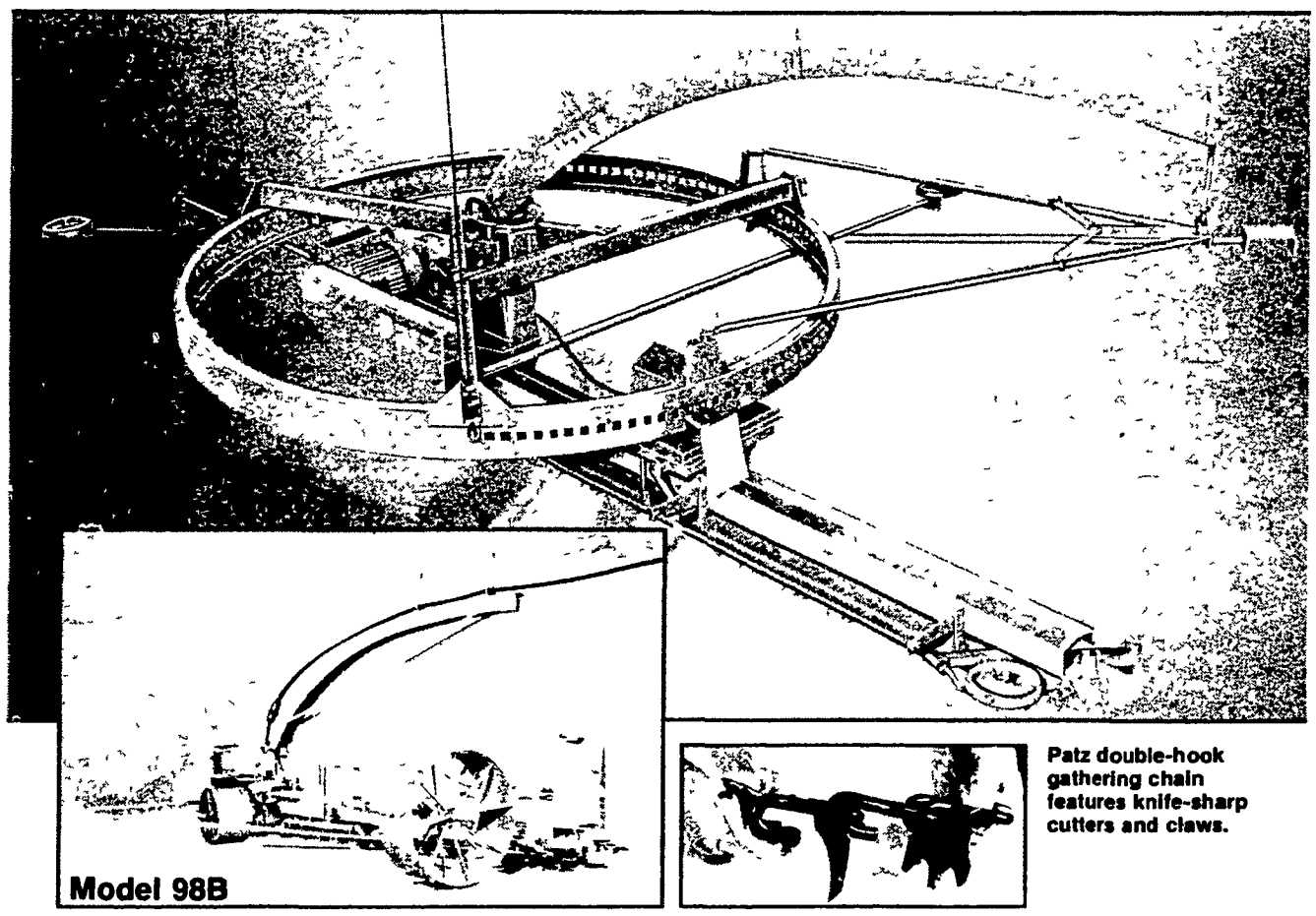



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## Farm Women Societies

(Continued from Page C9)

### Lancaster Co. Society 3

Members and families of Society 3 met for a picnic at the home of Mr. and Mrs. Clarence Stauffer, Ephrata.

During the afternoon gathering, there were swimming and games and a short meeting conducted by president Allegra Leininger.

Members have made plans for a four-day bus trip to the Finger Lakes area in New York for October 9-11.

Society 3 will have a food stand at the Ephrata Fair, September 21-28.

The next meeting will be at the Cloister Diner, Ephrata, Saturday, August 15.

### Lancaster Co. Society 8

Fifteen members from Lancaster 8 met in the chapel at Landis House, July 18.

Edith Herr entertained approximately 130 guests who were taken to the chapel on wheelchairs or walked there from their rooms. She recited numerous poems. Some selections helped older guests to recall life on the farm years ago. Other selections brought a bit of laughter.

August is the month for the County Picnic.

The next meeting will be held September 19 at 2 p.m at the home of Anna Keener. A book review will be given.

### Berks Co. Society 3

Berks County Society 3 held their monthly meeting at the home of Mrs. Joseph Bartholomew, R3 Boyertown.

Jody Baus, daughter of Mr. and Mrs. Ralph Baus, Boyertown, spoke on the "Friendship Tour '81" she took with the BAHS Marching Unit. She used pictures and sourveniors to tell about the performances they did in England, France, and Belgium.

During the business meeting, conducted by Mrs. Harvey Moyer, president, the ladies voted to send 4 guests of the Hamburg State School to summer camp.

### Berks Co. Society 6

Quilting was discussed at a meeting of the Berks Farm Women 6 in the residence of Mrs. Jacob Hartz, Oley R2.

Mrs. Grace John from Boyertown showed how to make different types of quilts.

Kim Sauer a senior from Oley Valley High School won the Farm Women's award for highest achievement in Home Economics and will further her education in that field.

One of the group members, Mrs. Richard Schlegel had been hospitalized lately. So members brought meals and did things for the family.

The next meeting will be or Thursday, August 6, at the home o Mrs. Nora Schweiter, Limekiln.

# Farm families have stake in highway safety

COLLEGE PARK, Md. — The death toll on highways continues to mount this year at an alarming rate. And the worst may be yet to come, since July and August are normally the highest months for traffic fatalities both nationwide and in Maryland.

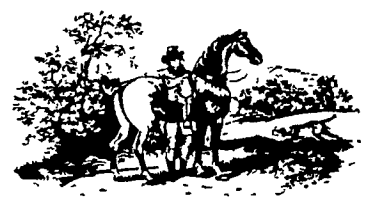
Gary L. Smith, Extension farm safety specialist at the University of Maryland, says, "Since August is often the month for many rural families to join their town and city cousins in vacation travel, they, too, have a high stake in safer highways."

Smith works closely with Cody L. Godman, director of operations for the Safety Council of Maryland and immediate past president of the Maryland Agricultural Safety and Health Federation. With help from the National Safety Council, Smith and Godman have developed a set of tips for safer vacation travel. Major pointers include the following.

- Get your car, van or recreational vehicle ready to hit the road. Vehicle defects can put your life and that of others in jeopardy. Make sure your seat belts are working — and use them.
- Schedule your trip in advance. Allow plenty of travel time in case you run into bad weather, heavy traffic or highway detours. Do not drive yourself to the point of grogginess.
- Pack your car, van or RV carefully. Avoid blocking the driver's rear view. Remember that loose items in the back of a van or station wagon can become flying projectiles in case of a collision.

Packing a heavy load can greatly reduce your vehicle's acceleration rate and greatly increase braking distance. In addition, heavy rear-end loads will raise your headlights, shortening nighttime visibility. This situation also causes oncoming drivers to flash their lights in the belief that you have not dimmed yours, warns Smith.

Godman stresses driver error is the leading cause of fatal accidents. Excess use of speed and alcoholic beverages are also big contributors. "The Safety Council conducts Defensive Driving classes and Seminars on Speed, but far too many experienced drivers are apathetic about taking any kind of refresher courses such as these," Godman declares. Some states require periodic eye examinations when a driver's license is renewed. And, a few magistrates require drivers who have been at fault in accidents to take Defensive Driving courses in lieu of a heavy fine, but this practice is not nearly as widespread as it should be, Godman comments.

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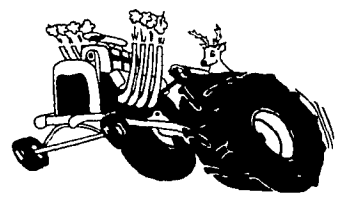

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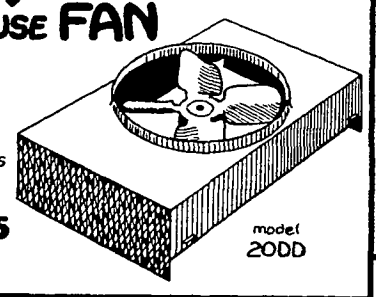

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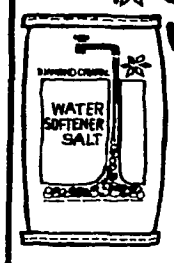


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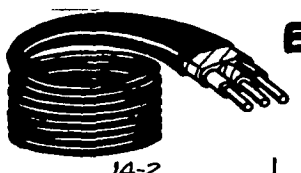

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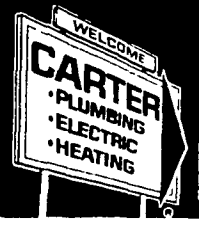


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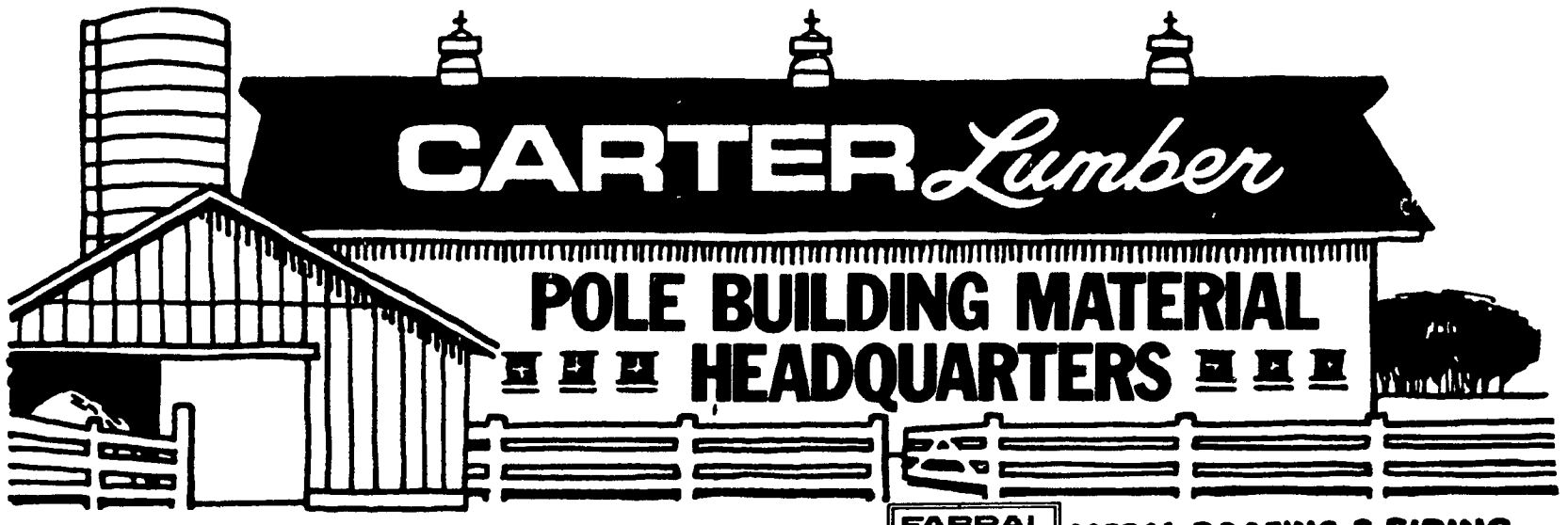


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|---|---|---|---|---|---|---|---|
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| 2"x6" | 2.47 | 3.09 | 3.71 | 4.33 | 4.94 | 5.98 | 6.64 |
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| GIS YP EXTERIOR | | 10.29 | 13.49 | | 18.59 |
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| 9' | — | — | 9.42 | 7.12 |
| 10' | 15.02 | 13.26 | 10.47 | 7.91 |
| 11' | — | — | 11.51 | — |
| 12' | 18.02 | 15.91 | 12.56 | 9.49 |
| 14' | 21.02 | 18.56 | 14.66 | — |
| 16' | 24.03 | 21.21 | 16.80 | — |
| 18' | 27.03 | 23.86 | — | — |
| 20' | 30.04 | — | — | — |
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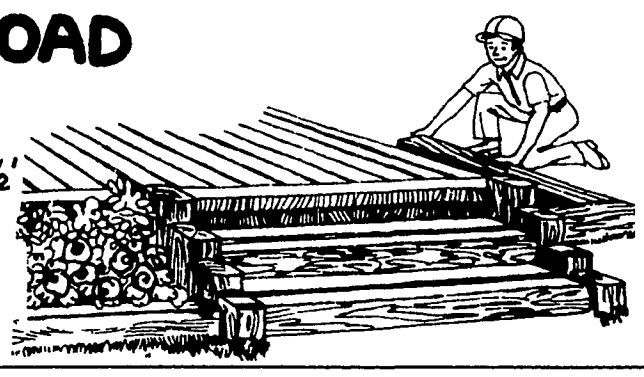

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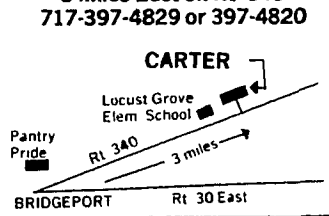


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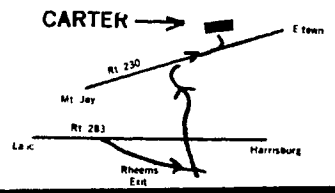

# Kid's Korner

## Unscramble the tack

Kids, one-day shows and week-long fairs can be the undoing of a lot of practice and dreams, but don't also let it be the finish of a good showing career just because you forgot some of your essential tack. Unscramble this list of essential tack. The answers are below, but no cheating.

tisoirtregan rpasep

ite trlhaes

pore

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vohsel

nfa

yha

airgn

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tawre kubcet

ebet lppu

tocton klantbe

taslpic kubcet

liat mocb

rucry cbmo

pliprcse

texsnione dorc

posa

chleab

calhool

wopred

narlmieilo

wsho talhre

yfl ysrpa

kpocte fnike

oct

leepgins gab

prepa lowtse

Kids, it takes a lot of tack to properly prepare for a show. Help this showman figure out what else he needs by unscrambling the list on this page.

## Answers

This is a list of the essential tack you will need for a one-day show. Peter Witmer of Willow Street, a Guernsey Showman for years, compiled the list.

registration papers

tie halters

rope

fork

shovel

fan

hay

grain

feed tubs

water bucket

beet pulp

cotton blanket

plastic bucket

tail comb

curry comb

clippers

extension cord

soap

bleach

alcohol

powder

mineral oil

show halter

fly spray

pocket knife

cot

sleeping bag

paper towels

Optional Tack For Fairs

wheel-barrow

shavings

straw

milker

udder wash

towels

farm sign

folding chairs

radio

ice chest

first aid kit

alarm clock

boots

suitcase

tablet

lock and keys for tack box and trailer

hose

finishing scissors

feed scoop

veterinary medicine

## State 4-H Achievement Day

NORRISTOWN — One of the most important events for a 4-H'er is right around the corner - state 4-H Achievement Days. On August 10, members from across Pennsylvania will gather at Penn State for two days of exciting competition.

There are 32 events and each 4-H'er will select one in which to test his or her skill.

Competition is keen, because in order to get to the state program you must win at the county level.

Competition areas include public speaking, archery, clothing and consumer education.

An appealing part of state Achievement Days is the opportunity to meet with 4-H'ers from around the state. Developing self-confidence is another rewarding aspect of the event. For more information on 4-H call your local Extension agent.

CHRIS CLOVER

# Cumberland County swine roundup scheduled

CARLISLE — The 1981 Cumberland County 4-H swine roundup and sale will be held on Tuesday, August 18, at the Carlisle Livestock Market. The show will start at 9:30 a.m. and the sale at 8:30 p.m.

Members will be judged on fitting and showmanship, and a champion will be selected in each age category. A Grand and Reserve Champion Market Hog will also be selected. Approximately 120 hogs will be sold at auction that evening.

There are 41 members in the Central Penn 4-H Swine Club. These young 4-H'ers "Learning by Doing." They gain practical experience in animal husbandry, business and economics, and also develop socially.

Anyone can buy an animal at the sale. This is an excellent opportunity to fill your freezer with quality pork. Come out to the Carlisle Livestock Market and support the Cumberland County 4-H Swine Roundup.

# Adams County plans swine sale

BIGLERVILLE — The Adams County 4-H Swine club's annual show and sale will be held on August 4. The show will start at 8 a.m. and the sale will start at 7 p.m. at the South Mountain Fairgrounds near Arendtsville, along route 234 west of Biglerville.

The pigs will weigh between 160-260 pounds. There will be 4 different divisions: 1. Market Hog Division 2. Barrow Division 3. Open Gilt Division 4. Pen of 3 Division.

The 4-Her's are also judged on showmanship and fitting classes with a separate division for Junior and Senior.

Each member is required to fit (clip their ears and tail) one of their pigs. All pigs must be washed before they arrive at the fairgrounds.

Ribbons will be awarded on the basis of record book, type, showmanship, and fitting. There will be approximately 25 members with approximately 50 pigs, which will be shown and sold.

There will be a large number of pigs for butchering and some very fine gilts for breeding.

# Franklin County holds horse and pony finals

GREENCASTLE — The Franklin County 4-H Horse and Pony members completed their project by competing in the final 4-H show of the year at the Silver Star Saddle Club, here. The following 4-H'ers were winners in their classes:

Dindy Deardorff, Greencastle, riding Buckeye Jet; Classes: Dollar Bareback and Senior.

Beth Carty, Chambersburg, riding Lad's Little Bits; Classes: Junior, Western Pleasure Over 14 hands, Grooming & Showmanship, Open Trail Over 13.2 Hands.

Lori Weachter, Chambersburg, riding Money Bait; Classes: Stock Seat Equitation - Senior, Pleasure Pairs, Grooming & Showmanship - Senior.

Jackie DeShong, Greencastle, riding Shadow Play; Classes: Hunter Seat Equitation - Junior.

Sharon Wagaman, Waynesboro, riding Kelly, Classes: Hunter Seat Equitation - Senior, Hunter Under Saddle.

Jamie Ott, Scotland, riding Stormy Lad, Classes: Western Pleasure Over 12.2 to 14 Hands.

Rodney Garling, Chambersburg, riding Black Cloud, Classes: Western Pleasure 12.2 Hands & Under, Open Trail 13.2 Hands & Under.

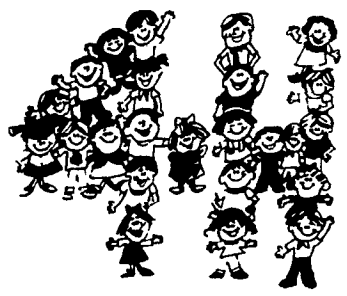
Tammy Shatzer, Waynesboro, riding Lil's Mambo, Classes: Western Riding Contest, Pole Bending Ponies - Over 13.2 Hands, Barrel Race Ponies - Over 13.2 Hands.

Scott Mohn, Waynesboro, riding Short N Sassy, Classes: Pleasure Pony Drive, Hunter Seat Equitation Over Fences - Junior, Working Hunter Pony, Pony Hunter Under Saddle.

Barbara Smith, Fayetteville, riding Ima Fancy Plaudit, Classes: Novice Walk Trot.

Kristi Weachter, Chambersburg, riding Peanut Hull, Classes: 4-H Open Pleasure.

The show was judged by Cathy Bell of Collegeville.



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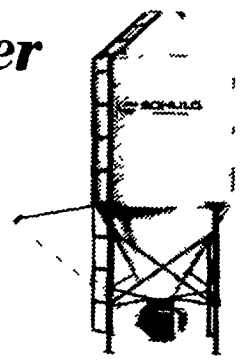

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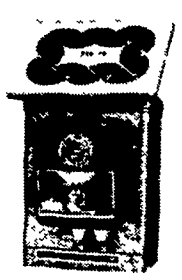

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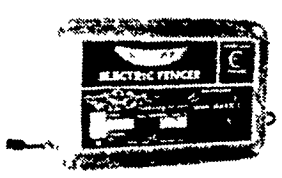

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# Duane Ohnemus named National Junior Merit Award winner

KANSAS CITY, Kan. — Duane Ohnemus, 20-year-old Iowa cattleman, was named National Junior Merit Award winner during the 8th National Junior Polled Hereford Heifer Show and Forum in Hutchinson, Kansas. Ohnemus is a student at Iowa State University and is the son of Mr. and Mrs. Delbert Ohnemus of Milo, Iowa.

Second place in this national recognition program went to Joni Snapp, 20-year-old daughter of Mr. and Mrs. Kenneth Snapp, Westmoreland, Kansas.

In a tie for third place were J.D. Shanks, 19-year-old son of Dr. and Mrs. Jack Shanks, Mocksville, N.C., and 19-year-old Scott Torrance, son of Mr. and Mrs. Duane Torrance, Media, Illinois.

Ohnemus received a $750 scholarship as well as an expense-paid, week-long trip to any U.S. Polled Hereford operation of his choice.

Miss Snapp won a $500 scholarship, while Shanks and Torrance shared in the third place scholarship of $250.

The recognition the four received was based on each applicant's outstanding achievements with Polled Herefords, citizenship activities and personal development.

Ohnemus, an animal science major, was cited for the aggressive way he had invested his cattle and farming profits to acquire half-interest in a Polled Hereford herd numbering nearly 200 head and the purchase of a 118-acre farm. He was active in FFA and holds memberships in local, state and national cattlemen's associations. He has increased his assets of land, cattle and equipment 15-fold since 1975.

Ohnemus makes extensive use of modern production practices in his cow herd averaging a 95 percent calf crop through the years.

Ohnemus, described in the award presentation as a young man with "keen insight, mature judgment and high standards," plans to return full-time to his farm following college graduation.

Snapp, whose intense participation in a variety of activities won acclaim from the Merit Award judges, has held nearly every office in the Kansas Association She reigned as Kansas Polled Hereford Queen for one year and has exhibited cattle at all eight National Junior Polled Hereford Heifer Shows.

Snapp has served as her local 4-H council president and was the first girl elected president of her FFA chapter. She has continually improved her beef cattle management practices to reach her goal of providing seed stock for both commercial and purebred cattlemen.

# Kansas hosts national Jr. Polled Hereford show

KANSAS CITY, Kan. — Exhibitors from 28 states and Canada once again drew a capacity crowd to the National Junior Polled Hereford Heifer Show and Forum for a week-long extravaganza of showing, leadership training, family fun, entertainment, education and fierce competition.

The 8th National Junior classic drew 404 head of Polled Hereford heifers to Hutchinson, Kansas, July 19-24, with 280 youthful exhibitors displaying their best.

Grand championship of the show, which featured only heifers born in 1980, went to 19-year-old Gerard Palaschuk, Wishart, Sask., on WP Miss Enforcer M57, a March daughter of Gold Standard Sire enforcer 107H.

Reserve grand championship honors went to 17-year-old Greg Billing, Little Falls, N.Y., on ASB Bo Ten, a January daughter of Gold Trophy Sire Will-Via Justa V.

The championship line-up was composed of some of the breed's top heifers, traveling from all corners of the country for the competition. A team of three well-known cattle judges had the task of appraising the heifers and picking the champions. They were Ike Eller, Virginia Polytechnic Institute, Blacksburg; Gene Wiese, Wiese and Sons Herefords, Manning, Iowa; and Ed Kalianoff, Kal-Kota Polled Herefords, Steele, N.D.

Standing 52.25 inches at the hips, the champion heifer, WP Miss Enforcer M57, was the tallest heifer in her class. She was bred by Palaschuk Farms, Ltd., Wishart, Sask., and advanced to the grand championship from the Division IV top spot. In addition to breeding the champion heifer, Palaschuk Farms was the breeder of some of the show's other high-ranking heifers, earning them the event's Premier Breeder title.

The reserve grand champion, ASB Bo Ten, is no newcomer to the winner's circle. She began her show career with the calf championship title at the 1980 Virginia State Fair SOP Show and was recently named grand champion at the Eastern Regional Junior Polled Hereford Heifer Show in Gaithersburg, Md. At the 8th National Junior Show, she moved into the reserve grand championship slot from the reserve spot in Division IV.

# Perry Holstein Club to sell promotional calf

LANDISBURG — The Perry County Junior Holstein Club will be selling a heifer calf at the Perry Dairy Princess Promotional Sale on Friday, August 7 at the Art Kling Sale Barn, Landisburg.

This calf is Santee-Acres Celebrity Kim, born January 13. She is sired by Rocky Elevation Celebrity and her dam is a very good Monitor daughter with records to 4-8, 30,814, 3.5%, 1085.

"Kim" has been donated to the Perry Junior Club by Ken and Jane Benner of Santee-Acres, R. 2, Millerstown.

All proceeds from this calf will be used to support the junior Holstein youth for their judging school practices, and state and national convention trips.

For more details concerning this Benefit Calf Project, contact Daniel Albright at 717-789-3387.

# Delaware youth selected for A.I.C.

NEWARK, Del. — Four Delaware youths were selected last week at the Pennsylvania Association of Farmer Cooperatives Summer Institute to attend the American Institute of Cooperations' National Institute on Cooperative Education.

It was held at Colorado State University, Ft. Collins, CO, this week. The tour were selected on the basis of their participation in the Delaware Cooperative Youth Training Session held in Dover in April and the recent PAFC Institute.

The winners are: Melissa Opdyke of Camden, Jerilyn Urban of Milford, Valerie Shahan of Greenwood, and Curtis Peebles of Wilmington

Miss Opdyke was designated for sponsorship by the Interstate Milk Producers Cooperative, while the others were sponsored by the Delaware Council of Farmer Cooperatives.

Miss Shahan was honored by being voted the Outstanding Girl at the Pennsylvania Institute, and Raymond Vincent of Laurel won the Delaware Scholarship Award.


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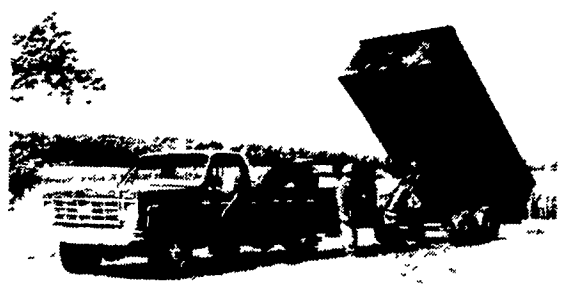

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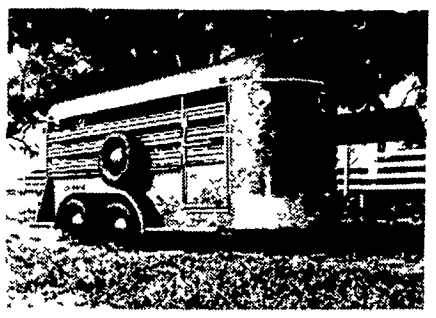

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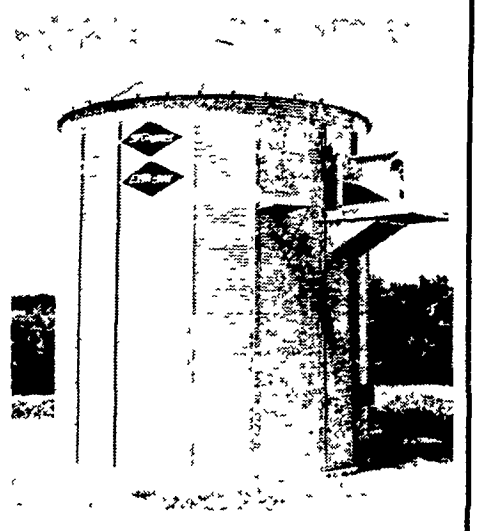

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# Berks FFA hog show, sale Wednesday

LEESPORT — The Berks County FFA chapters announce their annual Market Hog Show and Sale at Leesport Auction on Wednesday. The show will begin at 10 a.m. and the sale will begin at approximately 6 p.m.

About 40 head of market hogs will be consigned to this sale. They are the efforts of supervised farming programs of boys and girls enrolled in vocational agriculture and the FFA. This program is part of the high school education of boys and girls who have a future in farming and/agricultural business.

The market hogs will be shown in the following order and weight classes: lightweight, 180-200 pounds; mediumweight, 201-220 pounds; and heavyweight, 221-240 pounds

A grand champion and a reserve champion of the show will be chosen from the first and second place winners in each weight class. Grand Champion and Reserve Champion plaques will be presented at the end of the show which will be about 11:30 a.m

The sale will begin at approximately 6 p.m. All hogs in the show will be sold in lots according to weight entered by the exhibitor and under the rules and regulations of the Leesport Auction.

## Manheim FFA wins softball honors

MANHEIM — Members of the Manheim Chapter of Future Farmers of America captured the Lancaster County FFA softball championship for the third consecutive year.

To attain the title this year, Manheim had to win five games after losing their opening match against Ephrata. Ironically, Manheim had to win their last two games from Ephrata to gain the victory

In addition to the champion Manheim team and runner-up Ephrata; teams from Penn Manor, New Holland and Solanco competed.

Members of the Manheim FFA team included First baseman Jett Rohrer, Second baseman Duane Shelly; Shortstop Jim Hess, Third baseman Doug Hoover; Pitcher Barry Geib, Outfielders Dennis Wolgemuth, Steve Hershey, Eric Eichelberger, Tim Good, and Dennis Shelly, Utility fielders Don Groff, Mike Pflieger, and Gerald Wenger; Coach Earl Geib.

## 2 from Cedar Crest at conference

LEBANON — Two members from the Cedar Crest FFA recently participated in the National Leadership Conference in Washington, D.C. They are Bob Bomberger and Scott Eckenrode.

The conference is a week of opportunity for selected FFA members from across the United States. While at the conference, they discussed matters which will help improve their home chapters and participate in activities that show their leadership abilities. Included in the conference are workshops, tours of sites of interest around Washington, and other special events.

The two FFA members will now attempt to put the things they learned into use at Cedar Crest.

## Lebanon County FFA holds picnic

LEBANON — Members from Annville, Cedar Crest, Elco and Northern Lebanon FFA chapters gathered at the Cyrus Bomberger Farm in southern Lebanon County for their county FFA picnic.

While at the picnic, members had the opportunity to exchange ideas and discuss upcoming FFA activities.

In addition to the food prepared by Mrs. Bomberger, the members also enjoyed other activities, including volleyball, swimming, boating and just plain sunbathing.

J. R. Bickel is the county FFA advisor. Upcoming county activities include a county officers meeting on August 4, and helping at the Lebanon Area Fair during the week of August 10-15.

# USDA releases lamb and wool statistics

WASHINGTON, D.C. — The statistical crop reporting service of the U.S. Department of Agriculture recently released figures on 1981 lamb and wool production.

According to the Reporting Service, the U.S. lamb crop is estimated at 8.88 million head, an 8 percent jump over 1980 and 11 percent more than 1979.

As of January 1, 1981 the inventory of breeding ewes 1 year of age and older totaled 8.80 million head, a three percent increase over a year ago. Ewe lamb numbers, however, were reported to be down 1 percent from the previous year to 1.79 million head.

The 1981 lambing rate per 100 ewes 1 year old and older was 101 compared to 97 in 1980 and 95 in 1979.

Wool production was also up from 1980 levels. Wool shorn or to be shorn during 1981 is estimated to be 109 million pounds on a grease basis. This is an increase of four percent over the 1979 and 1980 levels. The number of sheep shorn is up one percent to 13.4 million head.

Fleeces are expected to increase from the 1980 level of 7.96 pounds per fleece to an expected weight of 8.13 pounds in 1981.

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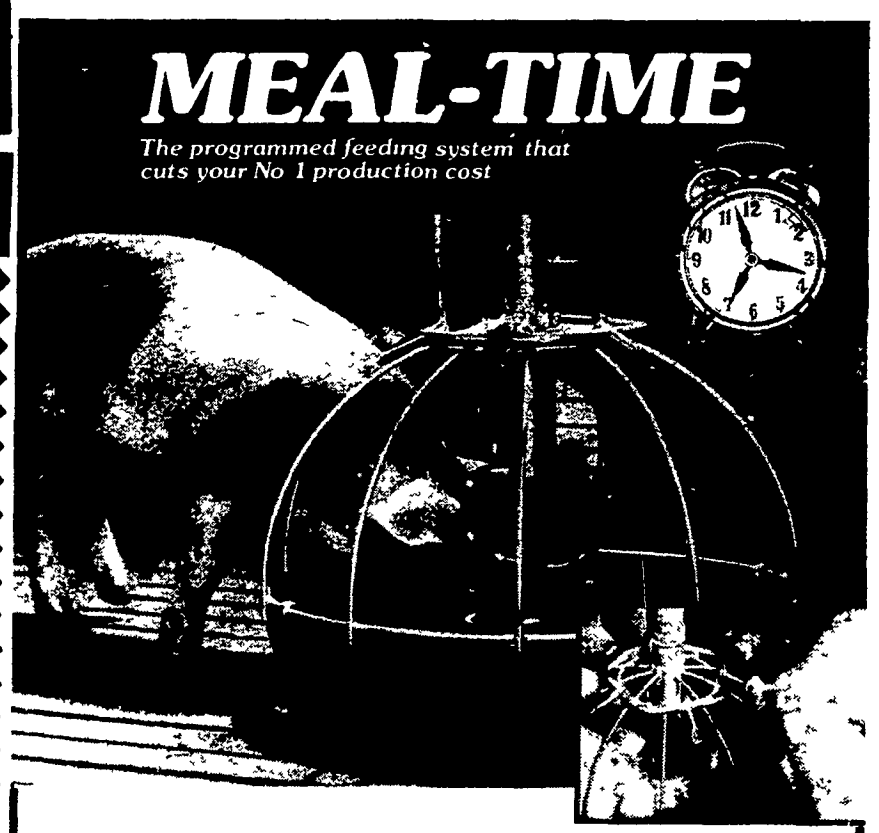

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# Ladies Have You Heard?

By Doris Thomas

Lancaster Extension Home Economist

**SUMMER SQUASH ARE GOOD BUYS**

Summer squash, once considered as a one-season vegetable, is now available in different varieties year round. During summer and early fall, the largest supply of squash appears as yellow summer squash, zucchini, cocozelle, and white patty pan or scallop.

Squash, relatives of pumpkins, gourds, cucumbers, muskmelons, and watermelons, add flavor, texture, and variety to summer menus

White bush scallop is shaped like a disc, has scalloped edges, and is a greenish white. By the time it's a pure white, the squash is too mature for good eating. The scallop is sometimes called patty pan.

Italian zucchini and cocozelle are cylinder-shaped and fairly straight. In the markets, cocozelle has more pronounced white stripes and is a little larger than zucchini. Both are dark green with light green stripes. These are often sold individually. Even if these squash are large they will be tender because of their fast-growing characteristic.

Yellow summer squash is shaped like a bowling pin and may be either straightneck or crookneck. It should be a delicate or light yellow. If deep yellow, it is more mature and likely to be tough

All summer squash are fast growing. It takes only four to six days for a tender squash to develop. One main difference between summer and winter varieties is that summer squash must be picked before the skins and seeds toughen because you don't remove the seeds or peel them when you eat summer squash.

Because you eat the seeds and rind, select one that has a tender skin with good color. Squash should be heavy for its size and free from bruises. Small to medium size are the most desirable.

If you would like to have a copy of a collection of zucchini recipes I have compiled, call or write the Lancaster County Extension Office, 1383 Arcadia Road, Lancaster, PA 17601 and request your free copy.

**BLANCHING VEGETABLES IN A MICROWAVE: THE TIME'S NOT RIPE**

If you plan to store vegetables in your freezer for any length of time, blanching is a must. Basically, it means dropping the cleaned vegetables into boiling water for a prescribed number of minutes The time varies with the vegetable.

Steam blanching — sitting the vegetable on a rack over boiling water — is a method gaining in popularity. It takes longer but retains the nutrients, color, and texture of the vegetable better. Steam blanching equipment is now available from many hardware stores as well as the major mail order stores.

A newer method gaining attention is microwave blanching Some cookbooks that come with microwave ovens recommend this. Its biggest appeal is that it doesn't steam up the kitchen on hot days.

The times these cookbooks recommend are very inadequate. Research done at the Pennsylvania State University indicates that the recommended times would have to be increased two to three times for proper blanching.

Food scientists at Penn State University strongly recommend sticking with water or steam blanching until research can document complete blanching recommendations for microwave ovens.

# Beeby heads Red Angus breeders

DENTON, Tex. — At the 28th Annual National Convention of the Red Angus Association of America, held recently in North Platte, Roy G. Beeby of Marshall, Oklahoma, was re-elected to his second term as president. Beeby has held the office of president for the past year.

Other members of the Board of Directors elected to another term are: Stan Nesemeier of Lanark, Illinois, Midwest Area; Bob Baker of Mountain Home, Idaho; and Jo Ann James of Searsboro, Iowa.

Darrell Schuler of Bridgeport, Nebraska, is the newly-elected Director of the Great Plains Area. He succeeds Paul Redd of Paradox, Colorado, whose term expired.

Members of the Red Angus Board of Directors whose terms have not yet expired are: Ron Bieber of Leola, South Dakota, Rocky Mountain Area; Roy McPhee of Lodi, California, West Area; Clifford Halfmann of Rowena, Texas, Texas Area; Ken Angel of Cave Spring, Georgia, Southeast Area; Bob Newman of Fayetteville, Tennessee, East Area; Jack Chase of Leiter, Wyoming, Director-at-Large; and Charles Watkins of Mt. Airy, Maryland, Director-at-Large.

Election of first and second vice presidents will occur at the next scheduled board meeting.

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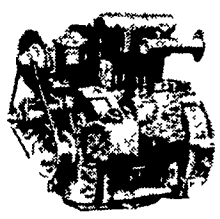

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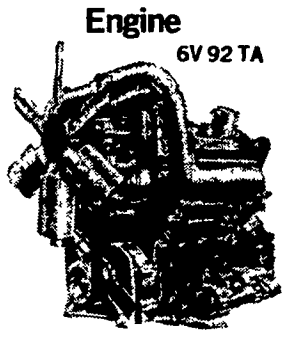

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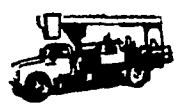

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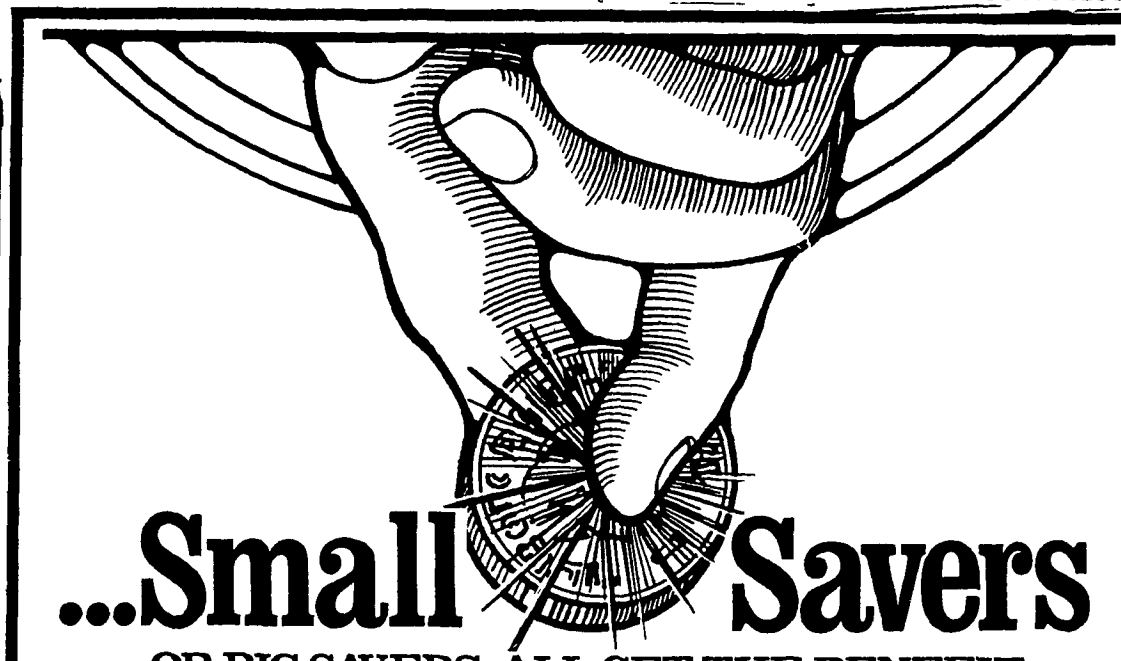

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## Ida's Notebook

**Ida Risser**

Last month I spent a hot and humid day at State College. We left home before six in the morning with Cindy doing the driving through rain showers in the mountains. We arrived at the appointed hour for counseling and pre-registration in the School of Engineering.

We were immediately separated in two groups of parents and students. They dispensed a lot of valuable information but as we've had three of our six children attend Penn State previously, much of it was not new to us.

To help us understand all the facts and figures, they used many slide presentations. The trouble with this was that in a dark and hot lecture hall, I became very sleepy. Although, in the afternoon, after being sent from one end of the campus to the other, I was no longer sleepy — just tired.

As the man doing the course sign-up had seemingly had no sense of time, we were forced to leave for home later than we expected and barely arrived in time for the 4-H cooking meeting that Cindy leads in my kitchen.

Probably my biggest concern is the way that college living will change my daughter. I like her the way she is now. But, I realize that she will meet many people from different backgrounds and with different values and naturally will change.

It is difficult for us as parents to accept this growing experience but we hope that our years of training will not be forgotten and she will grow to be even more independent.

# Jane Arnold wears Susquehanna crown

MONTROSE — Jane Arnold, 18, daughter of Mr. and Mrs. Alton Arnold, R5 Montrose, was recently crowned the new dairy princess for Susquehanna county.

Jane graduated from Montrose Area High School early in June. While there, she was active in cross country, track, varsity and student council.

She is also active in Grange, and church programs.

The Arnold's have a herd of 61 Holsteins. and Jane who is very active with the farm operation will continue in that capacity now that she has graduated from high school.

Don Caterson, Susq. Co. prothonotary, was master of ceremonies. Judges were Charles Kier, American Dairy Association, Mrs. Betty Williams of Hallstead, Pa., and Marion Garrett, 1980 Wayne County Dairy Princess.

Three contestants were interviewed individually by the judges before the ceremonies and again asked questions pertaining to the dairy industry by M.C. Don Caterson before an audience of about 100. Each girl gave a one-minute presentation on her favorite dairy product.

Miss Elizabeth McCahill Arnold, 1980 Dairy Princess, was present to crown the newly chosen dairy princess. While the judges were out making their decision, Miss Arnold entertained the audience, speaking of her many experiences and dairy promotion activites during her reign.

Miss Lynelle Place, 17, daughter of Mr. and Mrs. Ted Place, Meshoppen, was chosen Alternate.

Jane Arnold, right, daughter of Mr. and Mrs. Alton Arnold was crowned the new Susquehanna County dairy princess recently. Standing with her is alternate Lynelle Place.

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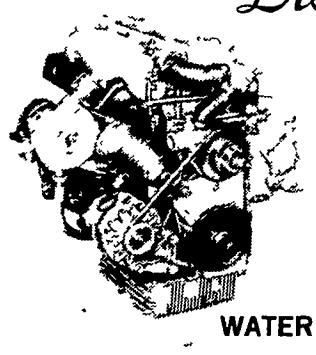

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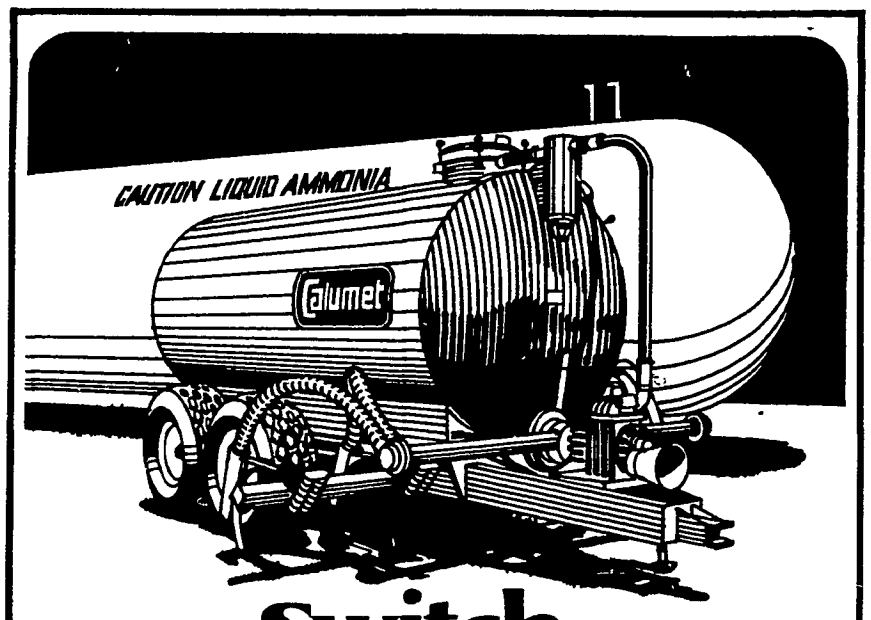


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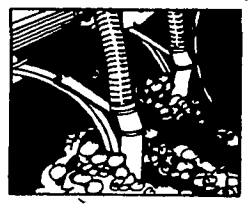

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# Lancaster County holds 4-H round-up

LITITZ — Lancaster County's 4-H horse and pony club members gathered for county competition recently at the Lower Hopewell Horse Farm, here.

Seventy-six members, up one from last year, participated in thirty-two classes.

The top three placings in each class, except two in pair and one in county team, will be eligible to enter the District Show to be held Saturday, September 12, at the Lower Hopewell Horse Farm.

Karen Hinerdeer, Marietta Avenue in Lancaster, won the coveted Senior Grooming and Showmanship title Among Karen's other awards were Stock Seat Equitation - Senior Division and second in Western Pleasure Horse. Karen rode her seven-year-old gelding, "Go Gener Go." She is a member of the Broken Bit 4-H club.

Placing first in Western Pleasure Horse was Jessica Watts, 12, of Lititz riding "Colt 442 " She is a member of the Boots and Saddles club.

Sixteen-year-old David Wood of the Pegasus 4-H club this year entered the Western Riding class for the first time and left the competition with the first place title.

Judges for the round-up were Robert Mowrey of State College judging western classes and Lloyd Dreibelbis of Frederick judging English —DK

Placings in the various classes are as follows·

**GROOMING & SHOWMANSHIP**
**Junior**
1 Ken Sherlaw Lancaster 2 Kris Buck Lititz 3 Lori Fink Elizabethtown 4 Bud Spahn Strasburg 5 Brock Sweigart Denver

**GROOMING & SHOWMANSHIP**
**Senior**
1 Karen Hinerdeer Champion Lancaster 2 Lynn Sherman Lancaster 3 Eva Sherlaw 4 Pamela Sammons Lancaster 5 Alida Farrington Lititz

**PLEASURE PONY DRIVING**
1 Tim Kauffman Pequea

**OPEN TRAIL**
1 Carla Melasecca Kirkwood 2 Angel Heisey Manheim 3 Shea Fitzpatrick Elizabethtown 4 Denise Bingeman Manheim 5 Chris Miller Lititz

**OPEN TRAIL**
1 Butch DeVitz Elizabethtown 2 Debbie Smart Quarryville 3 Daphne Immel Lititz 4 Mary Ann Melasecca Kirkwood 5 Nichelle Ressler Elizabethtown

**COUNTY TEAM**
1 Alida Farrington 2 Alison Farrington Lititz 3 Daphne Immel

**PLEASURE PAIRS**
1 Alida Farrington and Alison Farrington Carla Melasecca and Elizabeth Rohrer Quarryville 3 Karen Hinerdeer and Lynn Sherman Lancaster

**STOCK SEAT EQUITATION**
**Junior**
1 Donna Long Rothsville 2 Kris Buck Lititz 3 Jodi Florschutz Elizabethtown 4 Jessica Watts Lititz 5 Ken Sherlaw Lancaster

**STOCK SEAT EQUITATION**
**Senior**
1 Karen Hinerdeer 2 Alida Farrington 3 Lynn Sherman 4 Daphne Immel 5 Eva Sherlaw

**WESTERN PLEASURE PONIES**
1 Jason Watts Lititz 2 Chris Miller Lititz

**WESTERN PLEASURE PONIES**
1 Joyce Frank Bird in Hand 2 Denise Bingeman Manheim 3 Laura Silvers Lancaster 4 Angel Heisey 5 Yolanda Peters Manheim

**WESTERN PLEASURE HORSES**
1 Jessica Watts Lititz 2 Karen Hinerdeer 3 Jodi Florschutz 4 Alida Farrington 4 Kris Buck

**WESTERN RIDING CONTEST**
1 David Wood Bainbridge 2 Alida Farrington 3 Joyce Frank

**POLE BENDING PONIES**
1 Jason Watts Lititz 2 Chris Miller

**CLOVERLEAF BARREL RACE**
**Ponies**
1 Angel Heisey 2 Jason Watts

**SADDLE SEAT EQUITATION**
1 Brook Sweigart Denver 2 Nikki Brewer Lititz

**HUNTER SEAT EQUITATION**
1 Alison Farrington 2 Shea Fitzpatrick 3 Tommy Long 4 Jodi Newman Elizabethtown 5 Janet Wheat

**HUNTER SEAT EQUITATION**
**Junior**
1 Jammie Shank Elizabethtown 2 Mary Ann Melasecca 3 Jessie Zarfoss Elizabethtown 4 Ginger Sowers Lebanon 5 Gail Graver Lancaster

**HUNTER SEAT EQUITATION**
**Senior**
1 Carla Melasecca 2 Butch DeVitz 3 Nichelle Ressler 4 April Poyck Lancaster

Pretty Jessica Watts, 12, captured first place in the Western Pleasure class. She is pictured above with "Colt 442."

**SADDLE SEAT PLEASURE**
**Ponies**
1 Brook Sweigart Denver

**SADDLE SEAT PLEASURE**
**Horses**
1 Nikki Brewer Lititz

**HUNTER UNDER SADDLE**
**Ponies**
1 Jodi Newman Elizabethtown 2 Nichelle Ressler 3 Shea Fitzpatrick 4 Elizabeth Rohrer 5 Butch DeVitz

**HUNTER UNDER SADDLE**
**Horses**
1 Ginger Sowers 2 Jessie Zarfass 3 Mary Ann Measecca 4 Arlene Wood Bainbridge 5 Gail Graver

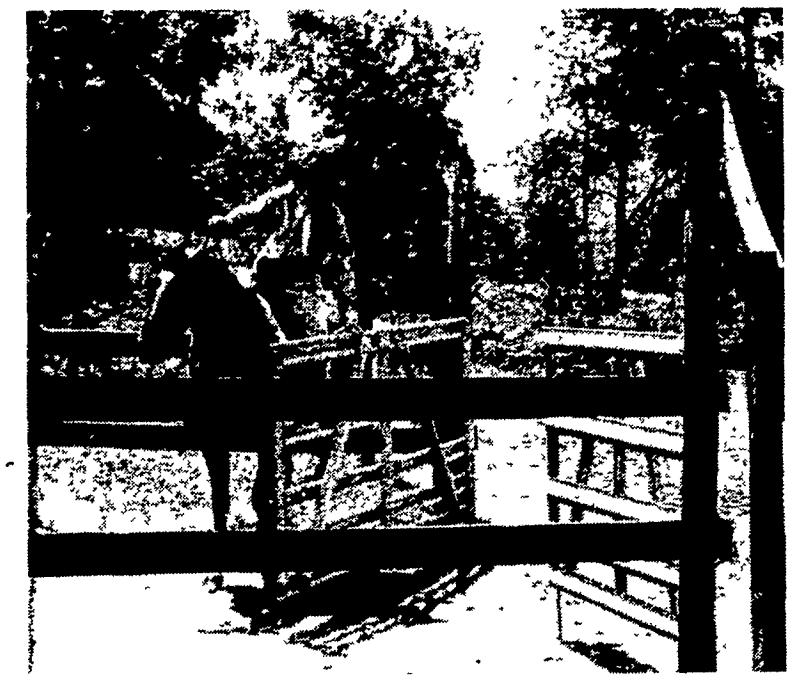
**WORKING HUNTER PONIES**
1 Butch DeVitz 2 Nichelle Ressler 3 Shea Fitzpatrick 4 April Poyck 5 Carla Melasecca

**WORKING HUNTER HORSES**
1 Jammie Shank Elizabethtown 2 Gail Graver 3 Mary Ann Melasecca 4 Rose Watters Quarryville

**OPEN PLEASURE CLASS**
1 Gretchen Doner New Providence 2 Sallie Gregory Lititz

**ENGLISH WALK TROT**
1 Carol Williams Lititz 2 Mary Ewing Columbia 3 Tammy Drumm Quarryville

**1 WESTERN WALK JOG**
1 Yvonne Peters Manheim 2 Tim Kauffman Pequea



Sixteen-year-old David Wood of the Pegasus 4-H club conquered his first obstacle in Western Riding. He went on to capture first place in this class.

Karen Hinerdeer of Lancaster won the coveted Grooming and Showmanship award. She is shown riding "Go Gener Go," her seven-year-old gelding.

# PA dairy bowl team places

A dairy bowl team from Franklin County represented Pennsylvania at the recently held National Holstein Convention in Baltimore, Maryland. The Pennsylvania team placed second out of a total of eight teams The state of Kentucky had the first place team. (left to right) - Philip Wagner, Extension dairy agent, Rodney Mevers, Kelly Cordell, Lori Harshman, and Steve Eckstine.

# *Lebanon Holstein field day coming Tuesday*

ANNVILLE — Holstein breeders and other dairy producers from throughout Lebanon County and from several neighboring counties will be gathering at the farm of Harvey I Bomgardner on Tuesday evening for the annual Holstein field day

According to Mike Arnold, spokesman for the Lebanon County Holstein Association, dairy producers will be in store for a fun-filled night of judging contests and sharing management ideas, with plenty of refreshments on hand William Petit, Sr from Huff N Puff Farms in New Jersey will present a discussion on the dairy business.

The Bomgardner farm is located along Route 934, 3 miles north of Route 422 and 3 miles south of Route 81.

# National Porkettes fund fellowship

DES MOINES, IA. — A $5000 fellowship is being funded by the National Porkettes, the auxiliary of the National Pork Producers Council. The fellowship will be awarded to a home economics doctoral candidate with preference being given to qualified applicants pursuing studies which encourage using pork as a food. This can be in a variety of areas within home economics to name a few. nutrition, production, marketing, distribution, communications and family economics.

The new fellowship represents the single largest yearly awards available through the American Home Economics Association Foundation. It will be awarded August, 1982. The Foundation will assume responsibility for public announcement of the fellowship; for solicitation and review of applications; and for selection of fellowship recipient.

The fellowship recipient will be selected in accordance with the purpose established by the National Porkettes and agreed upon by both the National Porkettes and the Foundation.

The donations to the fellowship qualifies as a non-profit tax exempt organization. Donors will receive a receipt for tax purposes. If desired, the contribution can be given in memory or honor of an individual given the name and address of family members. Checks need to be payable to: "AHEAF/National Porkette Fellowship Fund."

For further information, contact: The National Porkettes, National Porkette Fellowship, P. O. Box 10383, Des Moines, IA, 50306.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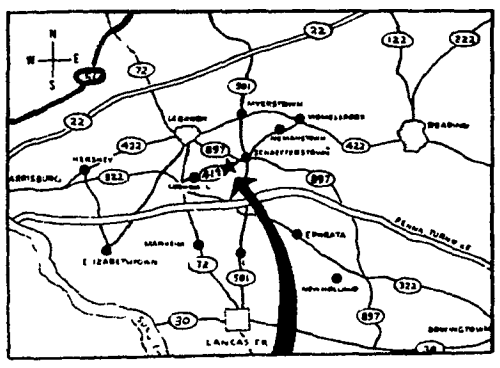


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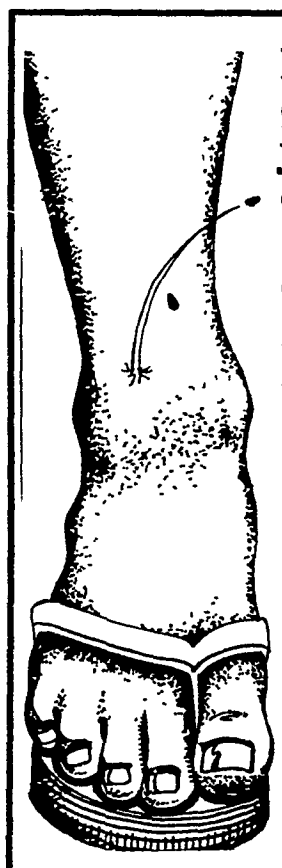


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## F.W.S. Calendar

**Today, August 1**

Lancaster Society 6 meets at the Brethren in Christ Church to entertain husbands and friends at a summer banquet

Lancaster Society 1 meets with hostess Ruth Newcomer, a speaker from Hospice

**Tuesday, August 4**

Lancaster Society 27 meets for a picnic at the Garden of Five Senses

**Wednesday, August 5**

Lancaster Co. Society 13 meets for a family picnic at the Lancaster County Park

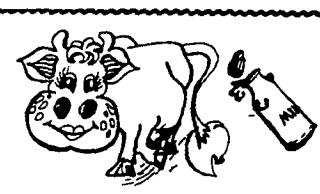
York Society 1 will entertain a guest society

**Thursday, August 6**

Lancaster Society 17 will entertain husbands at Rhodes Restaurant

**Saturday, August 8**

Lancaster Co. Society 19 meets to play miniature golf at Indian Springs

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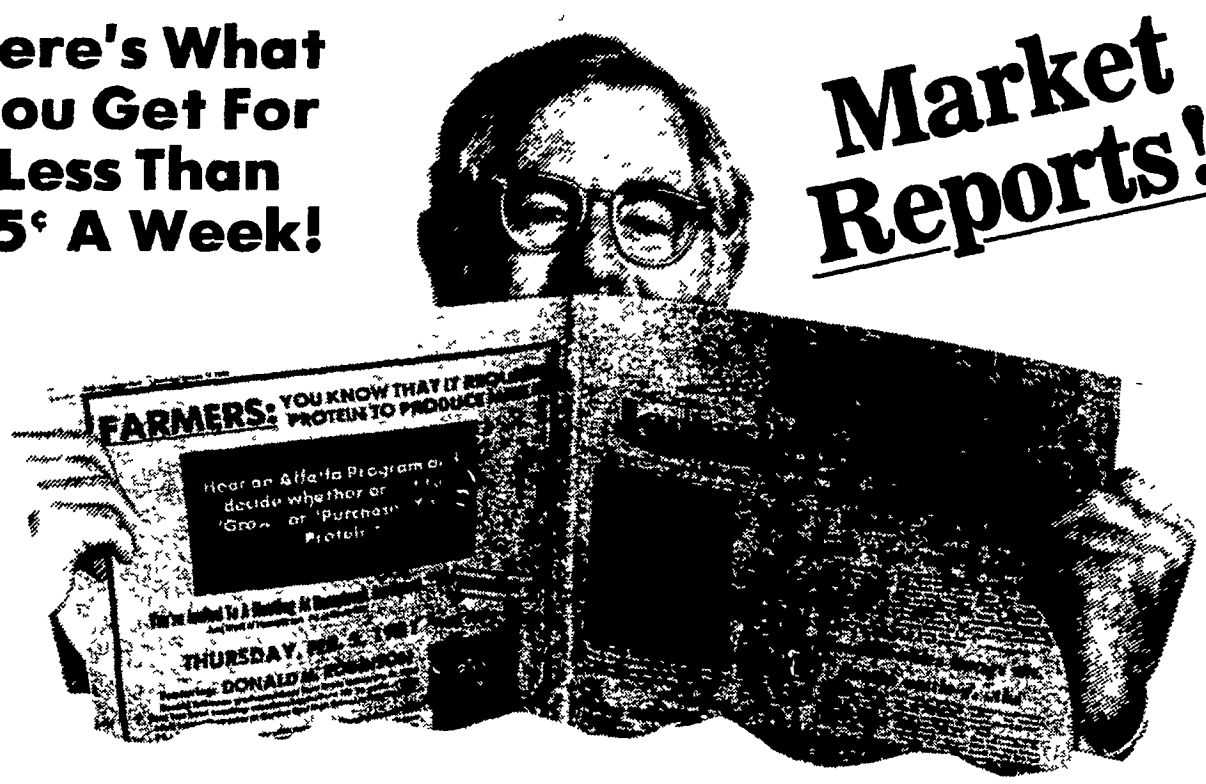



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# U.S. ag secretary puts conservation efforts in local laps

COLLEGE PARK, Md. — The need to increase soil and water conservation efforts will have to be offset by the need to balance the federal budget.

That was the message Richard D. Siegel, deputy assistant secretary of agriculture for natural resources and the environment, left with members of the Maryland Association of Soil Conservation Districts at their summer meeting held recently in Ocean City.

The keynote speaker at Thursday's banquet, Siegel said state and local governments will have to increase their contributions to conservation programs if more attention is to be given resource problems.

"We will have to accept the fact that there will not be enough money and enough Soil Conservation Service people to get every job done," he said.

The Administration plans to hold the line on conservation budgets, says Siegel, until the Agriculture Department releases new program strategy proposals developed after a comprehensive study of the nation's resources as well as existing conservation programs. The study, to be repeated every 5 years, was mandated by the 1977 Resources Conservation Act.

Details of the new proposals will be released in September and October and will contain "a new kit of tools," according to Siegel.

Although the country has serious resource problems that require immediate attention, Siegel cautioned against enacting any new legislation too quickly. A number of new conservation approaches are contained in Senate and House farm bills which, he said, the Administration expects to pass.

"If this happens, where is the money going to come from to fund these programs? With the current economic situation, it's not likely to come from the federal government. It's going to be up to you to find the necessary resources," he told MASCD members.

Siegel reassured them, however, that Secretary Block has placed soil and water conservation among the major objectives of his administration.

"The Secretary realizes that soil and water conservation is more a matter of economics than it is of ethics. That's why he's trying to make farming more profitable — so that farmers will have the funds to protect their land," he said.

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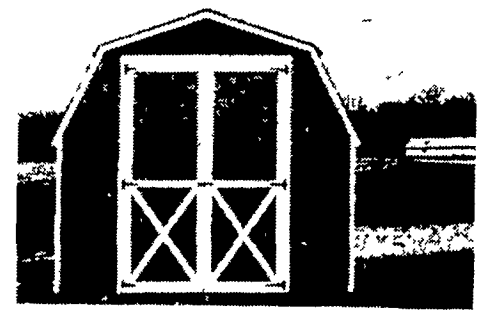

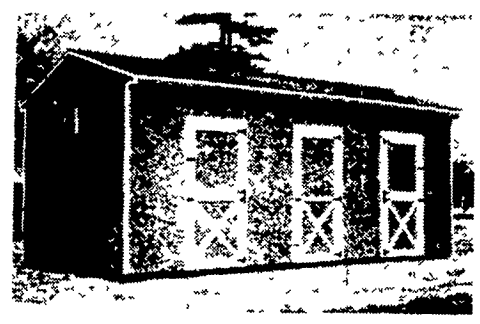

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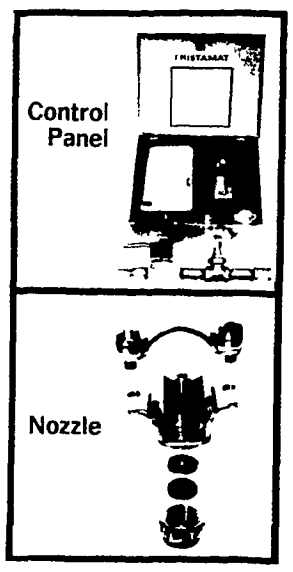


The nozzles are clamped to a plastic pipe strung over the gutter of slatted area at the rear of the pen Each nozzel covers a 5 6 foot diameter area which usually means one nozzle per pen The nozzle assures a coarse droplet spray pattern which is important for maximum cooling A fine mist of fog is not desirable in geographical areas of generally high summer relative humidity

THE PROOF:

| | Control Hogs not Sprayed | Hogs Sprayed 1 min per hr above 85°F | Hogs Sprayed 1 min per hr above 70°F | Hogs Sprayed 1 min per hr above 70°F |
|---|---|---|---|---|
| Average daily gain per hog | 1 37 | 1 62 | 1 62 | 1 72 |
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| Lbs feed per lb grain per day | 4 38 | 4 18 | 4 16 | 3 89 |
| Lbs feed save/hog | 0 | 22 | 22 | 49 |
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Research done at Ridgetown College of Agricultural Technology in Ontario and at the University of California have shown these results
These figures are calculated on hogs from 100 lbs up to 200 lbs

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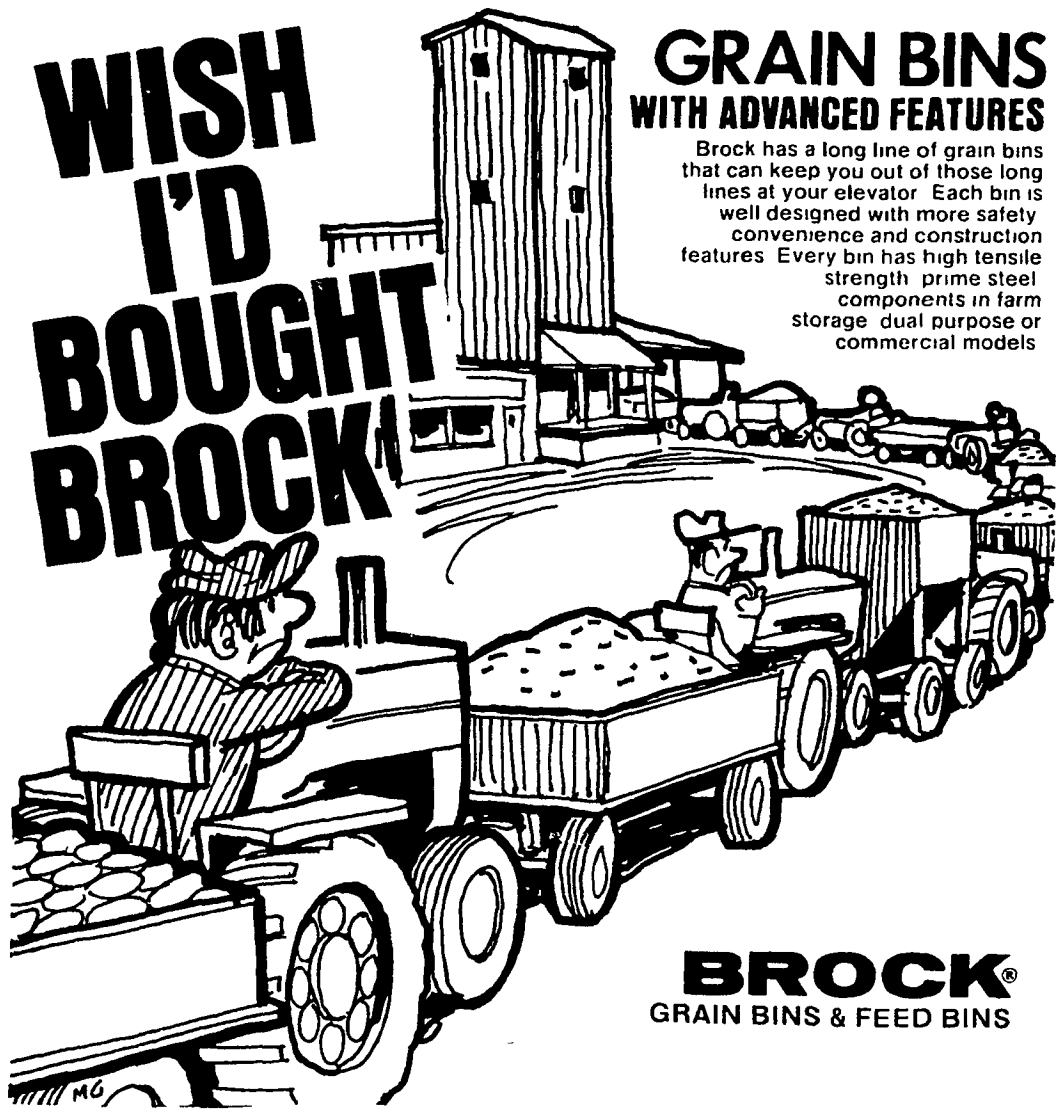

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# Rain-drenched Ohio counties eligible for USDA aid

WASHINGTON, D.C. — Secretary of Agriculture John R. Block recently designated 33 counties in Ohio as eligible for disaster emergency farm aid because of excessive spring and early summer rains that delayed crop planting.

Block's designation was the second under a new disaster emergency program put into effect by the U.S. Department of Agriculture's Farmers Home Administration on May 26. It permits farmers in the 33 counties to apply for emergency loans to cover part of their losses.

The 33 counties designated at this time, Block said, clearly show damage that is not recoverable during this crop year.

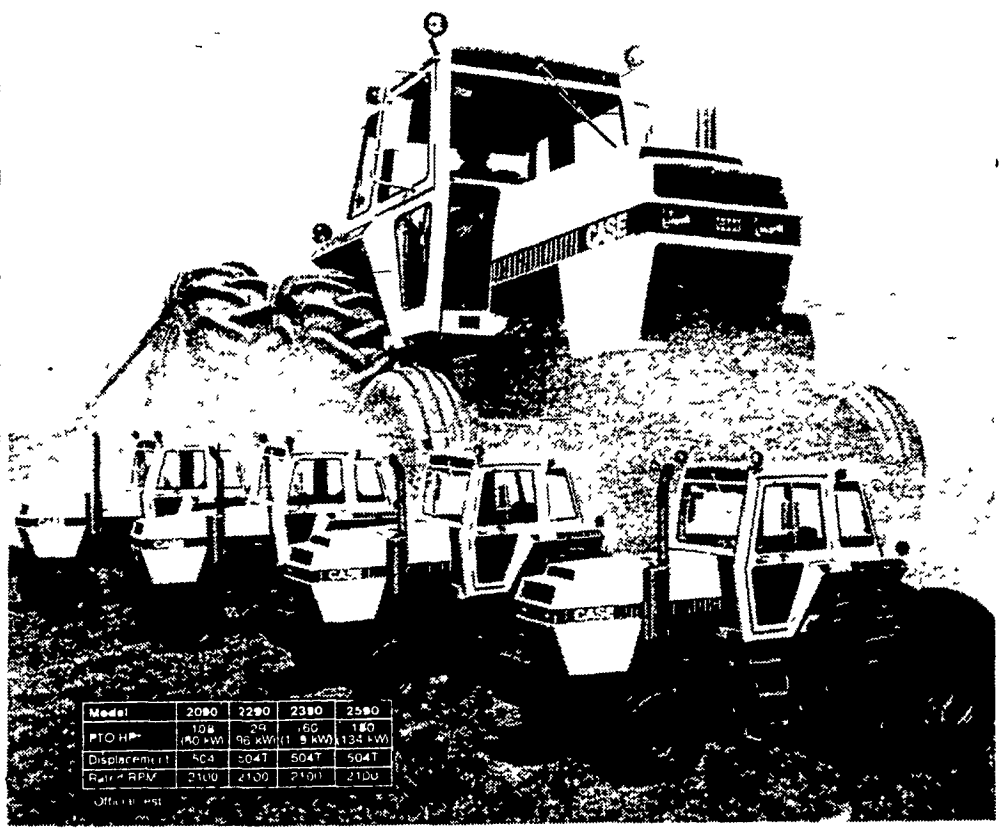
Other counties for which disaster designation was requested also are being watched, and their evaluations are being updated as the year progresses, he said.

On some farms, the extent of loss may not be fully determined until after harvest. In some cases, farmers may offset, either wholly or in part, the effects of an early season disaster by replanting or by switching the cropland to another farm use.

For those farmers who sustained qualifying losses, he said, an actual loss loan can cover up to 90 percent of the dollar value of the loss of crops at an annual interest rate of 5 percent.

Block said other emergency-related loans are available at higher interest rates.

A crop production loss of at least 30 percent of normal yield per acre or production per animal (in a livestock operation) must be caused by a natural disaster before an area can be designated as eligible for emergency loans.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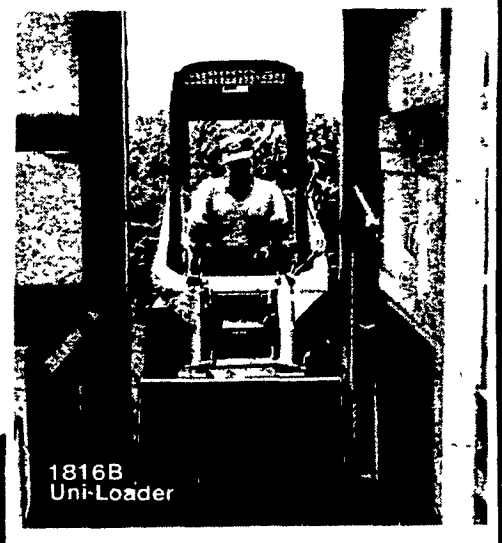
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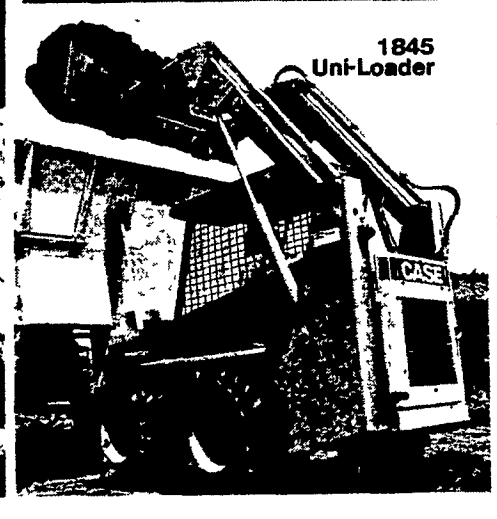
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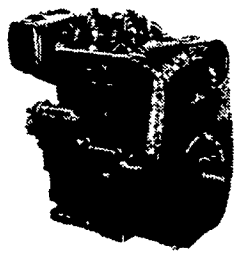

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# Fires in treated hay mows are potential death traps

NEW HOLLAND — The use of chemical preservatives on baled hay has been gaining in popularity in recent years. These preservatives allow hay to be baled at higher moisture levels without spoilage. That practice, however, may be providing potentially dangerous conditions for farmers and firemen called upon to battle fires in barns where some chemically treated hay is stored. According to a recent article published in the National Hay Association Newsletter, more than 100 volunteer firemen required hospital treatment after battling a recent barn fire in New York state The hay in the barn had been treated with a hay preservative containing ethoxyquin and BHT Both are individually recognized as safe with several common uses in agriculture. However, when combined as a hay preservative and heated to 240 degrees, the mixture gave off hydrogen cyanide gas.

According to Donald A. Drum, professor of chemistry at Columbia-Greene Community College, in Hudson, N.Y., there were several factors that prevented a serious loss of life at the barn fire. There was adequate ventilation above the burning hay and all of the hay was not yet ignited. Firemen had wet down many of the bales preventing a rise in temperature in most of the remaining hay.

Drum and Paul Rappleyea, a Syracuse University student, investigated the fire and have this advice to fire fighters:

Check to see if any and what type of preservatives have been used on the hay stored in a burning barn Hay treated with commonly-used propionic acid did not give off hydrogen cyanide when heated in tests. However, the hay treated with the ethoxyquin/BHT formula showed dramatic increases in concentrations of hydrogen cyanide as the temperature of the burning hay rose.

Hydrogen cyanide is one of the fastest acting fatal poisons known to man. When gaseous hydrogen cyanide is inhaled, the cyanide ions react instantly with the ferric ions present in the oxidizing enzymes of the blood. The resulting cyano-enzyme complex inhibits cellular respiration in the body's tissues," the report states.

The volunteer firemen and others at the barn fire were thought to be suffering from physical exhaustion. The symptoms were similar. weakness, nausea, headache, rapid breathing and fast heart beat. Oxygen was administered by the rescue squads at the scene.

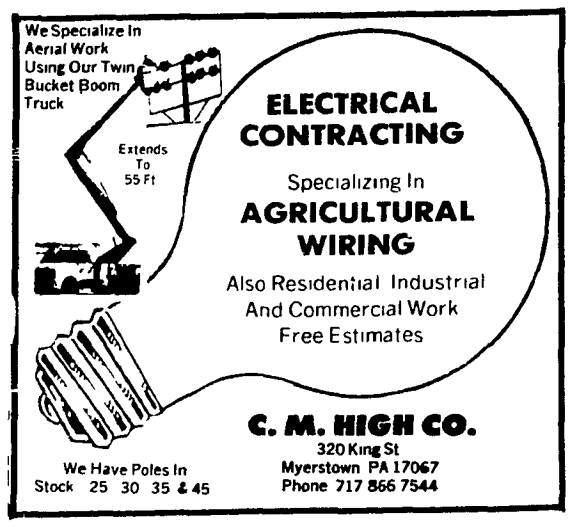
The report says that had the firemen known of the hydrogen cyanide danger, other immediate treatment could have been rendered.

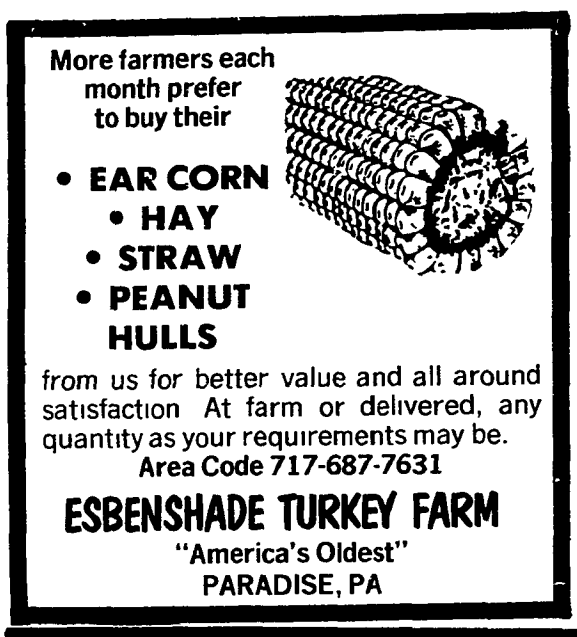
# Year's egg production down one percent

HARRISBURG — June, 1981 egg production in Pennsylvania totaled 335 million, according to the Pennsylvania Crop Reporting Service.

The June production was down one percent from the 339 million eggs produced during June, 1980. The June average of 16 million layers was one percent higher than a year ago Egg production per 100 layers was 2,100 compared with 2,137 in June, 1980.

The nation's laying flocks produced 5.56 billion eggs during June 1981, fractionally less than the 5 58 billion produced a year ago The number of layers during June averaged 279 million compared with 280 million a year earlier. Egg production per 100 layers during the month was 1,991 compared with 1,995 a year ago.



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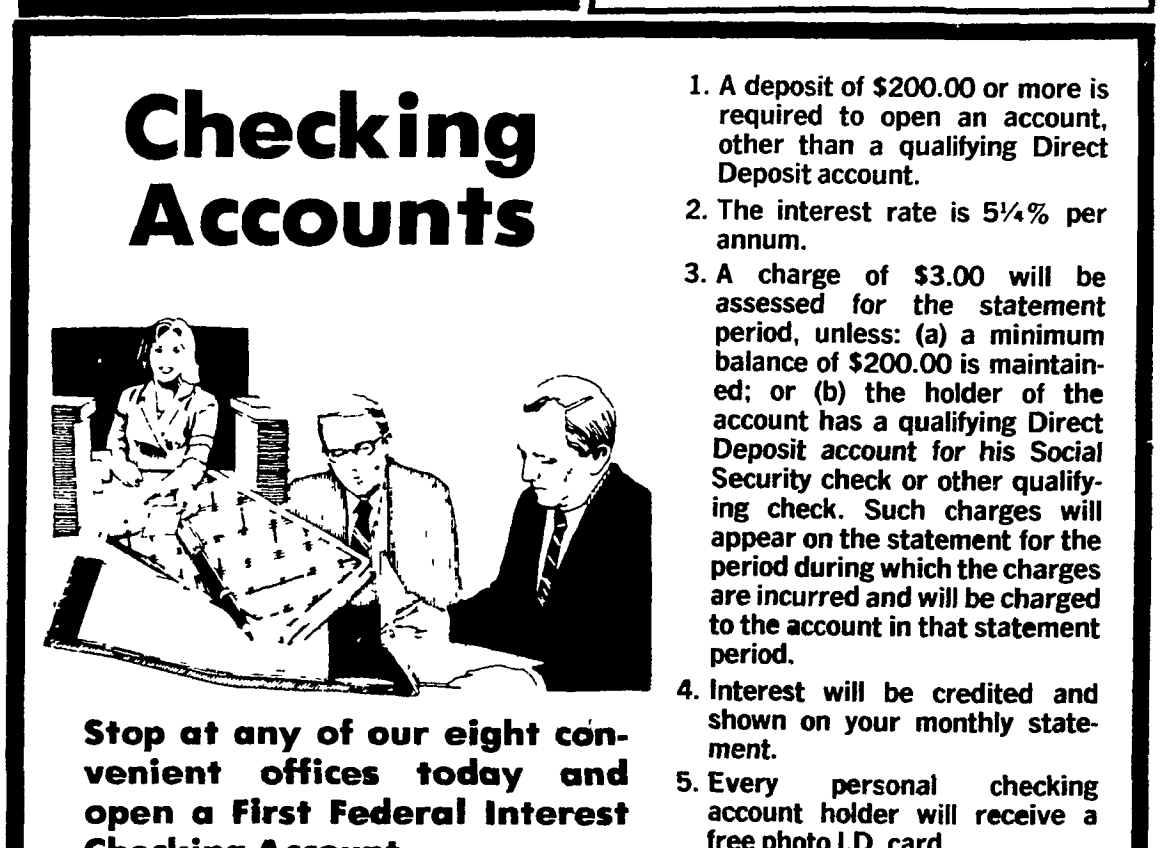
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# Md. districts set water policies

COLLEGE PARK, Md. — If the state and public wants clean water and storm water runoff control, they're going to have to come up with the money to fund the programs. That is the gist of a resolution passed by representatives of Maryland's 24 soil conservation districts at their summer meeting in Ocean city last week.

Attending were over 300 people from districts and other agencies including the U.S. Soil Conservation Service, Extension Service, Dept. of Health and Mental Hygiene, Maryland State Department of Agriculture, and Agricultural Stabilization and Conservation Service.

The effect of inflation and tight budgets on federal and local soil and water conservation programs was a recurring theme throughout the three-day convention of the Maryland Association of Soil Conservation Districts. District supervisors, who are volunteers, are worried about accepting additional responsibility from the state and federal level without the necessary funding to go along with it.

The districts, which receive funding from the state and counties and technical support from the U.S. Soil Conservation Service, started out in the 1930s helping farmers to control erosion and conserve water. In recent years, they've been given responsibility for the state's urban sediment control, storm water management, and agricultural water quality management programs.

In the resolution passed Friday, they called on state officials to come up with more money "if it is agreed that (these programs) are of sufficient priority to the state at this time of declining resources."

In a related action, MASCD members asked their executive committee to work with the state legislature to reintroduce a bill which would allow the state to establish a program to share with landowners the cost of installing best management practices to improve water quality.

Under the state's agricultural water quality management program, districts are encouraging landowners in critical areas to voluntarily install conservation practices to keep sediment and animal wastes out of streams. However, animal waste control measures in particular can cost from $20,000 to $80,000. As one supervisor commented, "If the public wants clean water, they should help pay for it."

In resource committee meetings, MASCD members discussed issues of common concern including the benefits of no-till farming, gypsy moth infestations in northern Maryland, plant materials program, Acres for Wildlife program, revision of the state's pond regulations, use of infra-red photography for surveys, options for rural sewage disposal, and the Turner's Creek Conservation Park in Kent county.

Alan Musselman, staff member for the state's agricultural land preservation program, appeared before members to ask their support. So far, he said, 40,000 acres have been signed up under preservation districts and easements have been acquired on 78,000 acres.


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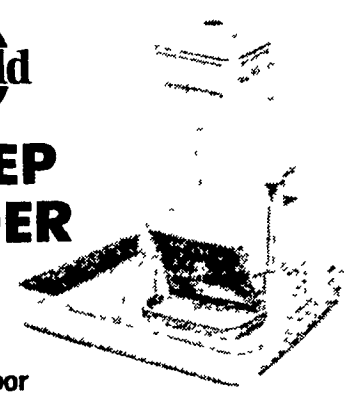

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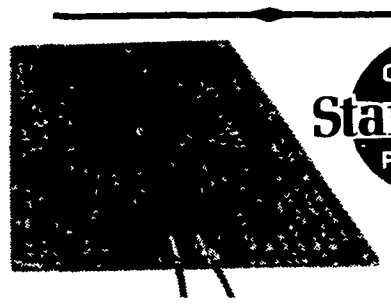

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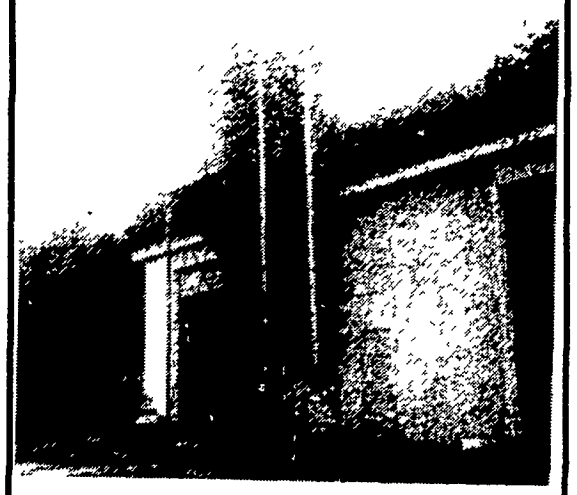

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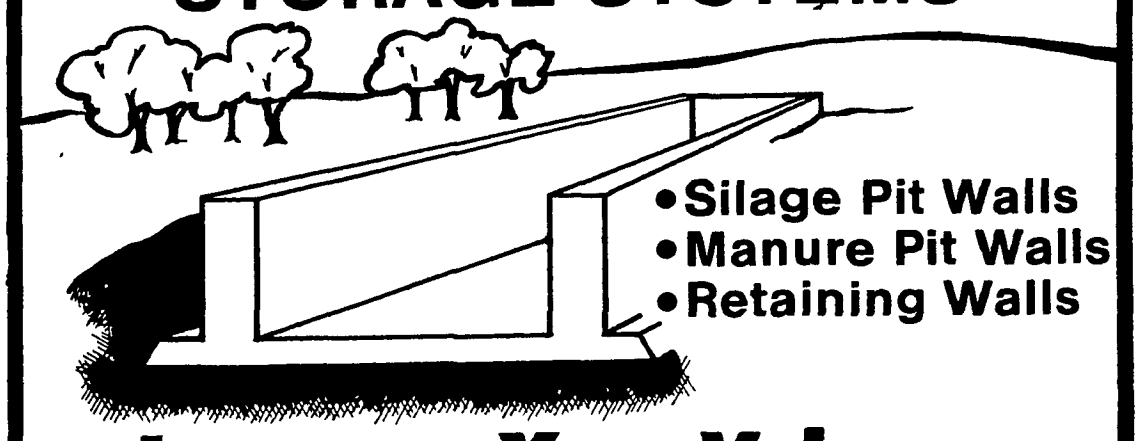

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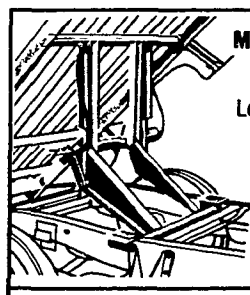

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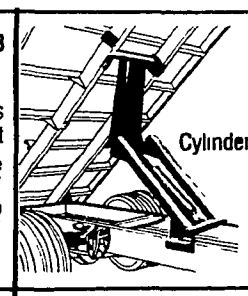
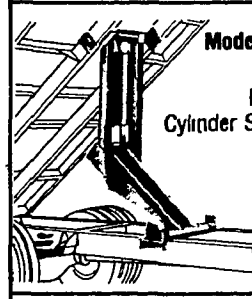
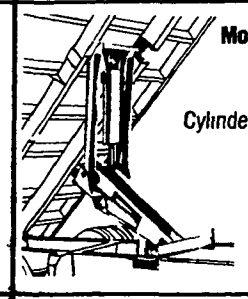


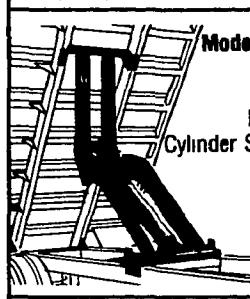
Model: CD-411-DA
Lo-Boy Single Cylinder Scissors Hoist
C/A Cab-to-Axle 60" to 84"
For Body Length 9' to 13½'
Payload 8 to 11 Tons*



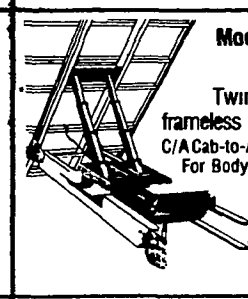
Model: CD-519-DA
Lo-Boy Single Cylinder Scissors Hoist
C/A Cab-to-Axle 84" to 108"
For Body Length 12' to 16'
Payload 12 to 21 Tons*



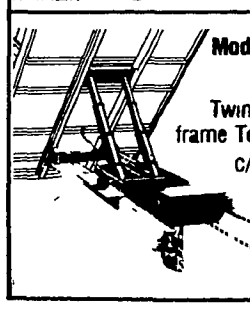
Model: CD-624-DA
Lo-Boy Single Cylinder Scissors Hoist
C/A Cab-to-Axle 84" to 126"
For Body Length 12' to 18'
Payload 14 to 24 Tons*



Model: CD-626-DA
Lo-Boy Single Cylinder Scissors Hoist
C/A Cab-to-Axle 102" to 156"
For Body Length 13½' to 20'
Payload 14 to 26 Tons*



Models: CD-55374 CD-55389
Twin Cylinder Sub-frameless Telescopic Hoist
C/A Cab-to-Axle 102" to 138"
For Body Length 14' to 24'
Payload
CD-55374 16 to 24 Tons*
CD-55389



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# Which soybean variety is for you?

NEWARK, Del. — Which soybean variety gives the best yield?

The answer varies, depending on factors such as soil type, planting date, cultivation practices, row spacing, and the disease, insect, and weather conditions that occur in a given year.

To help farmers make the right choices, University of Delaware associate scientist Ed Wisk conducts soybean variety trials under the various conditions growers face. His plots will be on view at Ag Progress Day at the Newark Experimental Farm on Wednesday, August 5, from 4 p.m. until 8:30 p.m.

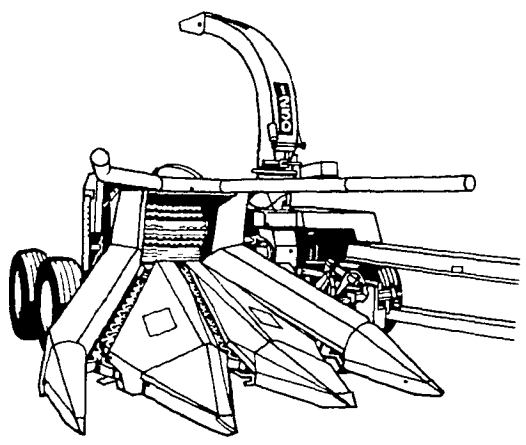
A week later farmers can tour the soybean plots and other research demonstration plots at the University's Georgetown Substation during Farm and Home Field Day, which will be held from 9:30 a.m. until 3:30 p.m.

In one project, Wisk has planted soybean varieties in barley stubble at both locations [illegible] yields best under no-till conditions.

In another test, Wisk is trying out 45 soybean varieties on four soil types around the state. Besides the plots on the silt loam soil at Newark and the sandy soil at Georgetown, he also has plots on the farms of two cooperating farmers, Clift Murray of Selbyville, on high organic matter soil, and Joe Hughes, of Felton, on a sandy loam soil.

In other work, Wisk is looking at the interactions of row spacing, planting date and soybean varieties at Newark and Georgetown. He's comparing ten varieties, including some new ones, planted either during the first week of June or the second week of July, at 7, 14 and 28-inch row spacings.

Visitors to the Georgetown Farm and Home Field Day can also get a first-hand look at a semi-dwarf soybean variety, Pixie, and some green seeded vegetable strains.

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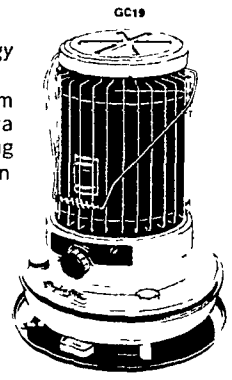

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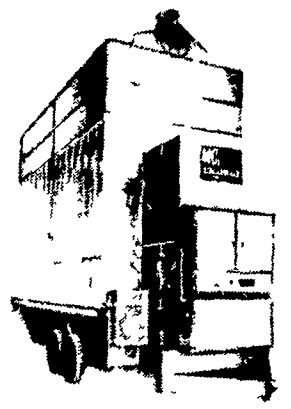

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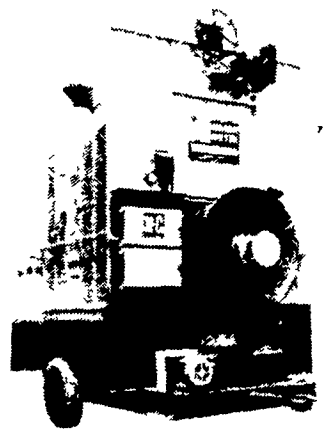

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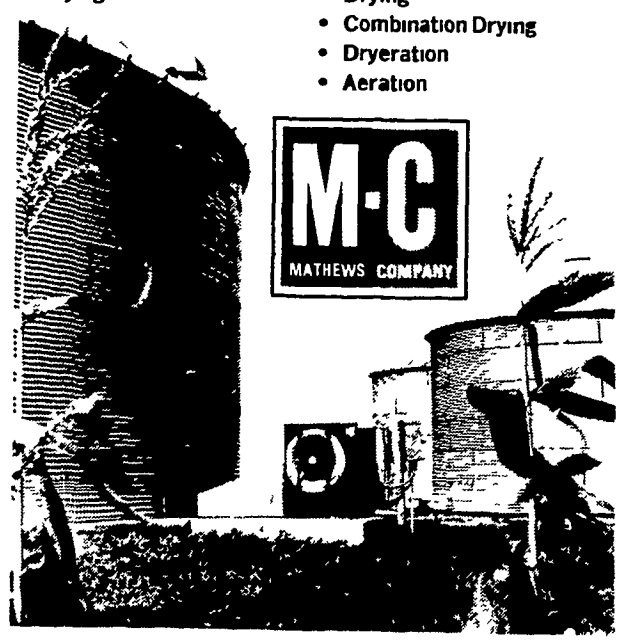


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# Bradford dairy youth compete at Troy Fair

TROY — Last Tuesday's Troy Fair Youth Dairy Show found Bradford County 4-H'ers and FFA'ers clipping, grooming, and exhibiting 180 head of the counties finest dairy cattle.

Lending a critical eye during the type contests were Tioga County dairy producers Roy Simpson and David Norman. The final word on fitting and showmanship skills was given by two Extension agents with plenty of practice — Perry County's John Harris and Clinton County's Richard Plotts.

In the Holstein show, Donald Jenkins of the Troy FFA tied up both the grand champion and junior champion awards. The reserve grand champion honors went to Larry Russell of Northeast Bradford FFA, while Deanna Sparling of East Canton 4-H captured the reserve junior championship.

The grand champion Guernsey was shown by Michelle Wright, also a member of the East Canton 4-H. However, the reserve grand champion Guernsey was exhibited by Charles Castle, a member of the Harry Gates FFA. Castle's entry was named junior champion before going on to stand second in the show. The reserve junior champion Guernsey was shown by Stacey Brackman of East Canton 4-H.

A Hill-N-Dale 4-H member, Lisa Chapman captured the grand champion honors in the Jersey competition, with the remaining Jersey championships going to East Smithfield 4-H members. Lorin Andrien's entry was selected as the reserve grand champion, Marlene Martz showed the junior champion, and John Allford's entry took the reserve junior champion honors.

In the Ayrshire competition, the junior championship was awarded to a 4-H entry exhibited by Brant Andrus of the Mt. Lake club. Laurie Antisdel of Windham 4-H had the reserve junior champion entry.

The following exhibitors received showmanship awards for their performance in the ring.

Jereme Braund, Mt. Pisgah 4-H; Michael Jenkins, Leona 4-H; Eric Roberts, East Canton 4-H; Michelle Wright, East Canton 4-H; Wendy LaMont, East Canton 4-H; Martha Saxton, East Canton 4-H; Donald Jenkins, East Canton 4-H; Rich Upham, Northeast 4-H; Charles Castle, Harry Gates FFA; Bruce Andrien of Leona 4-H; and Jane Harris, Mt. Lake 4-H.

Fitting winners were: Terry Swain, East Canton 4-H; Brent McClelland, Leona 4-H; Terry McClelland, Leona 4-H, Jay Braund, Mt. Pisgah 4-H, Tony Sterling, Gillett 4-H; Eric Roberts, East Canton 4-H; Michelle Wright, East Canton 4-H; Lisa Chapman, Hill-N-Dale 4-H; Martha Saxton, East Canton 4-H; Tammy Campbell, East Smithfield 4-H; Tom Wright, East Canton 4-H; Leah Guffey, North Towanda 4-H; Charles Castle, Harry Gates FFA; Lewis Dunbar, Harry Gates FFA; and Marlene Martz, East Smithfield 4-H.

Marlene Martz, left, and John Allford pull their junior and reserve junior champion Jerseys to the top of the line during competition last Tuesday at the Troy Fair. Both showmen are members of the East Smithfield 4-H.

# Conferees reach agreement on child nutrition programs

WASHINGTON — Senator Jesse Helms, Chairman of the Senate Committee on Agriculture, Nutrition, and Forestry, praised cooperation of House and Senate conferees in reaching agreement recently on budget savings in the child nutrition programs.

"While every savings that the Senate Agriculture Committee wanted, and which I wholeheartedly endorsed were not effected, we did reach agreement that saves the taxpayers almost $1.5 billion in fiscal year 1982," Helms said.

This savings — in a program that would have cost an estimated $5.7 billion in the next fiscal year — falls within requirements of the Senate budget resolution adopted this spring, Helms said.

Helms chaired the Senate-House conference. Rep. Carl D. Perkins of Kentucky was chairman of the House conferees. Mr. Perkins is Chairman of the House Committee on Education and Labor.

Child nutrition feeding programs include such things as school lunch and breakfast; supplemental food for women, infants and children (WIC); child care food; summer feeding; and special milk programs.

Conferees agreed savings could be made by.

— Eliminating the special milk program, where cartons of milk are handed out, unless no other feeding program existed in the school or institution.

— Tightening up on eligibility and verification requirements for child nutrition programs.

— Documentation of income in order to qualify for free and reduced price school lunches.

— Generally reducing the subsidy level in all programs (i.e. reduced lunch prices increasing from 20 cents to 40 cents).

— Setting cash subsidies at 109.25 cents for free meals, 69.25 cents for reduced price meals, and 10.5 cents for "paid" meals.

— Setting commodity subsidies at 11 cents for each meal served instead of 14.75 cents.

— Putting a "cap" of $1.017 billion on the WIC program for fiscal year 1982, a "cap" of $1.060 billion for fiscal year 1983, and $1.126 billion for fiscal year 1984.

— Limiting the summer feeding program to schools and public institutions in areas in which 50 percent or more of the residents are below 185% of the Federal poverty guidelines. Residential summer camps could still be eligible for summer feeding.

— Elimination of the food service equipment assistance program, which provided funds to help schools purchase such equipment.


TANKS TANKS TANKS

# Prevent colic through plowing pastures

MONTICELLO, N.Y. — "When you plow or harrow your pasture, the deeper into the ground you go, the more protection against bloodworms your horse will have."

This important piece of information was revealed by a team of University of Illinois veterinarians working under the sponsorship of the Morris Animal Foundation, according to Peter L. Rhulen, the organization's Equine division vice president. The nonprofit foundation is dedicated to improving the well being of animals.

The University of Illinois veterinarians, J.A. DiPietro, D.V.M. and T.A. McPherron, D.V.M., found even an inch of earth can help prevent contact with bloodworms or Strongylus vulgaris. This may mean preventing colic, since an estimated 90 percent of all cases of colic in horses is caused by bloodworms.

The investigators buried horse feces infected with strongyle larvae to several depths and carefully evaluated their migration to the surfaces of the ground, as well as temperature, humidity and other factors. Only a few of the buried larvae successfully reached the ground surface indicating that plowing or harrowing will help control the strongyles.

However, the researchers are quick to point out that the larvae can migrate upwards as much as 11 or 12 inches. The researchers also found that as temperatures get colder, fewer larvae migrate to the surface of the ground. The reverse is also true as temperatures get warmer.

Preliminary studies also show gradual changes in temperature, such as when winter turns to spring, don't seem to affect the larvae. Large or sudden temperature changes which some areas experience in midsummer may harm the larvae's ability to migrate upward or even survive.

The colic cycle begins when a horse starts to graze. Bloodworm larvae on grass are eaten by the horse, enter the digestive system and migrate through the circulatory system as they mature. The adult parasites return to the intestinal tract after several months, where they lay eggs that are passed out in the horse's feces.

The larvae cause severe damage to the horse's blood vessels and infest the artery which supplies the horse's digestive organs with blood. This causes the horse to form blood clots in an attempt to wall off the parasites. The clots and pieces of clots then block circulation, causing colic.

# Learn how to read weeds

NORRISTOWN — At this time of year, weeds and other wild plants are thriving conspicuously wherever they have a chance. If you know how to read the weeds, they can tell you a lot about the land on which they grow, according to Joy Way, Montgomery County agent.

Most wild plants will grow under a wide variety of conditions, but some require specific kinds of environments to survive. These are the indicator plants which identify particular environmental conditions.

These plants are sensitive to: soil moisture, varying from excessively wet to excessively dry; soil texture, varying from clay, which is compacted and comparatively very hard, to sand, which is loose but retains no moisture; and acidity, which varies in Pennsylvania from very acid (pH 4.5 or less) to neutral (pH7).

Plants that grow where conditions are acid and wet include mosses and sedges. Bracken, sheep sorrel, sweetfern, blueberries, hawkweed, broomsedge, and yarrow thrive where the soil is acid and dry.

Generally, soil infertility decreases as acidity increases. Plants that require wet, neutral soil are purple loosestrife, teasle, and cattails.

Land which is too compacted or crusted to support most other plants will be occupied by erect and prostrate knotweed, prostrate spurge, and the mustards, such as field white and black mustard.

On pasture in which legumes, such as clover and alfalfa, seem to be taking over the grasses, a nitrogen deficiency is indicated.

Where drainage and fertility are good, as in cultivated fields, common plantain, lambsquarters, yellow foxtail grass, velvet leaf, pigweed, and many other common weeds will be found.

# Dairy photo album

# On strike!

BY DICK ANGLESTEIN

LANCASTER — Everybody's going on strike.

Baseball's on strike. Postmen threaten and get a multi-billion dollar settlement. Air traffic controllers get an arm and a leg in a new contract and still aren't satisfied.

Well, it's been real easy to do without baseball. It's not missed. I don't care if they stay out so long that Pete Rose gets too old to lift a bat and break Stan Musial's record.

I can do without the mail, too. Ninety percent of its is junk advertising and bills.

I don't need to fly either. Just so long as some lost 747 pilot doesn't decide to set down in my backyard.

But what if cows went on strike. Suppose they get angry at the parity levels set in the new federal ag bill.

So all cows – black, white, red and brown – just sit down in the middel of the barnyard without so much as a "moo."

What do you do?

Farmers can't get them into the barn for milking. Feed sales drop off. Milk haulers are halted. Dairies shut down. Supermarket dairy sections close.

Coke comes out with a new frothy white substitute. Toddlers in stroller begin to picket. Meow-Mix gives 10-second TV spots to complaining cats.

Sound far-fetched. Perhaps.

But who ever thought that grown men who are paid as much as $20 million for hitting a little ball with a stick would ever go on strike. But if it ever would happen, the accompanying photo submitted in the recent Dairy Month Contest by E. James Bruckhart, of R4 Manheim, might suggest a possible solution.

But it's a long and laborious one.

Just grab a pail and get down on your knees to milk the bovine on a sit-down strike.


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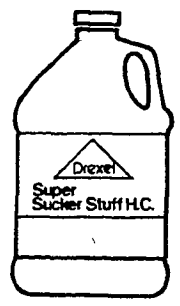


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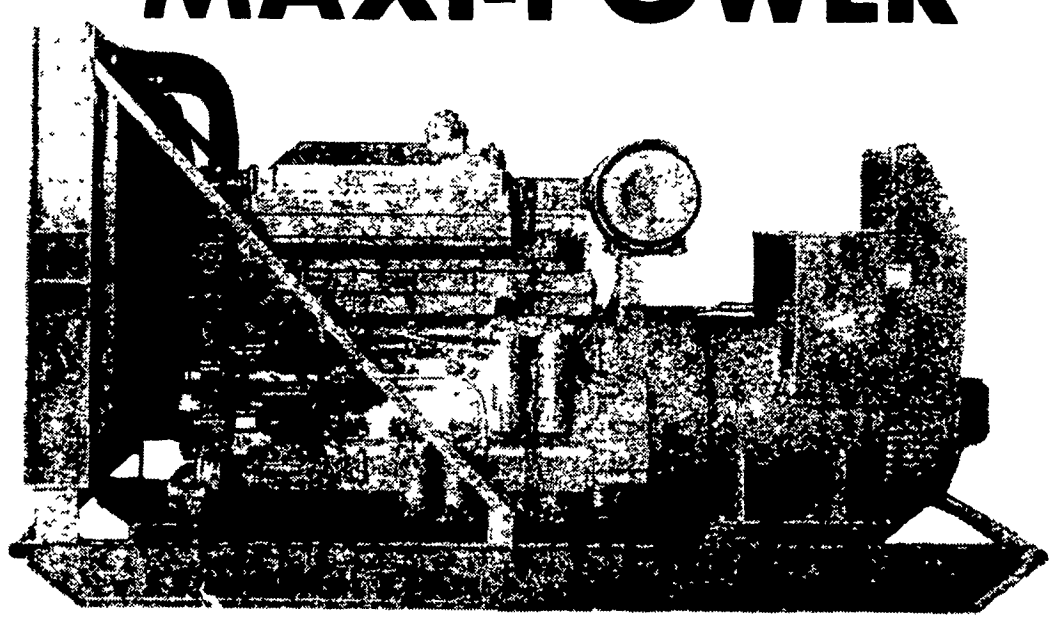

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★ Switch Gear ★ Parts ★ Service

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PH: 717-274-1483
Division of Leonard Martin Company

# Loser is new Md. area conservationist

COLLEGE PARK — Jeffrey R. Loser has been appointed the new U.S. Soil Conservation Service area conservationist for Maryland's Eastern Shore and Southern Maryland counties, Gerald R. Calhoun, state conservationist has announced.

Loser will be responsible for guiding SCS programs dealing with conservation of soil and water resources and providing technical and administrative supervision of SCS field offices in the 12-county area. He will be stationed at the area office in Easton.

Formerly district conservationist at Pittsburgh, Loser is a native of Harrisburg. He joined SCS in 1968 as a student trainee and was graduated from Penn State in 1971 with a degree in agronomy. He worked in various positions throughout Pennsylvania until being promoted to the job at Pittsburgh in 1978. Loser, who is married and has a five-year-old son, now resides in Trappe, Md.

# The Milk Check

**TOM JURCHAK**
**County Agent**

**NO NEWS IS NOT GOOD NEWS**

If you're wondering why you haven't heard any news from Washington about the new dairy price support program the answer is simple - there isn't any.

Nor is there likely to be any before Congress adjourns for its summer recess. They won't reconvene until September 9 and the present price support program ends September 30.

If no new legislation is passed, the present program will continue. If you think that's going to happen you've never heard of the boll weevils or the Reagan 25 percent/three year budget cut. I guessed wrong back in March when the President signed the bill eliminating the April 1 support price adjustment just 18 hours before the deadline, but I'm a believer now.

The senate Agriculture Committee has a bill marked up and ready to be reported but I don't think they will. The house is too far behind to have anything ready before the recess. Both of them include a minimum of 75 percent of parity but the Senate bill puts limits of $500 million maximum or net purchases of not over 3.52 billion pounds of milk equivalent a year. This bill allows the support level to drop to 70 per cent to meet these minimums.

I believe that if they stay with the $500 million maximum, they'll have to go below 70 percent in 1981-82 to make it. That's only a guess and no one will really know until the second budget resolution on September 15 when the dollars are divided among all the programs in the federal budget.

The best you can hope for is to keep the present $12.80 support price and let inflation erode that down to fit the cut of the budget in the following years. If they decide to take a deeper cut immediately, you'll see the results in the October milk check and it'll be a long, cold winter. In any case, you better be prepared to bite the bullet instead of the jelly bean.


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$30,000 That's a lot of money But with one phone call to me, you can find out how Chromalloy Farm Systems can save you that kind of money if you're now in the market for a complete forage processing and storage system

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New Providence, PA — DON R NISSLEY — 717 786 7654
Myerstown, PA — SWOPE & BASHORE — 717-933 4138
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Ephrata, PA — TOM ZARTMAN — 215 267 6814
Pitman, PA — CLIFF HERB — 717 648-3092
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New Berlinville, PA — ERB & HENRY EQUIPMENT — 215 367 2169
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Belvidere, NJ — G H BUCHMAN — 201 475 2185
Sussex, NJ — WILLIAM SYTSEMA — 201 875 5449
Frederick, MD — GLADHILL TRACTOR — 301 663 6060
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Sept. 11–19

**Friday, Sept. 11—6:30 pm & 9:30 pm**
**Willie Nelson & Family**
Plaza* —$9, Grandstand—$7 and $6

**Saturday, Sept. 12—6:30 pm & 9:30 pm**
**John Schneider**
(Star of the Dukes of Hazzard)
with special guest star BRENDA LEE
Track*, Plaza*, Box—$7, Grandstand—$5 and $4

**Thursday, Sept. 17—6:30 pm & 9:00 pm**
**Johnny Cash Show**
Track* Plaza* Box—$8 Grandstand—$6 and $5

**Friday, Sept. 18—8:00 pm**
**The Statler Brothers**
Track*, Plaza* Box—$8 Grandstand—$6 and $5*

**Saturday, Sept. 19—6:30 pm & 9:30 pm**
**Air Supply**
Track* Plaza* Box—$7 Grandstand—$5 and $4

**Other Grandstand Attractions**
Sept. 13
Bluegrass Festival—Tickets $5 & $3
Sept. 14 & 15
International Circus—Tickets $4 & $3
Sept. 16
Best of the Bands Contest—All Tickets $3

*Not Under Cover

*Advance Sale Gate Admission Special $1.50*
In addition to your grandstand ticket, you must have a gate admission ticket to enter the Fairgrounds Special advance sale gate tickets are available for $1 50 each when you purchase grandstand seats (Regular price $2 00 after Sept 10)

*3 Convenient Ways to Order Tickets:*

**(1) By Mail**
A Select the show(s) and seats you prefer Please list a second seating choice (The York Fair reserves the right to substitute tickets when necessary to fill the order)
B Indicate the number of advance sale gate tickets you need at $1 50 each
C Total your grandstand and gate ticket orders and add $1 00 for processing
D Please enclose one of the following check, money order, Master card number (with expiration date, 4-digit bank number and your signature), VISA number (with expiration date and your signature), or CHOICE number (with validation date, expiration date, and your signature)
E Include a self-addressed envelope
F Send completed order to York Fair Tickets, 334 Carlisle Ave , York, PA 17404

**(2) By Phone**
A Credit Card Transactions Only (Master Card, VISA, CHOICE)
B Phone 717/848-2033 between 9 am and 4 pm Monday thru Friday
C Please have your credit card ready for easy reference
D There is a $1 00 processing charge per order

**(3) In Person**
The York Fair ticket office at 334 Carlisle Ave , York, is open Monday thru Friday from 9 am to 5 pm There is no processing charge for tickets purchased in person

VISA CHOICE



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**DRY or WATER SOLUBLE**

NEW

GRANULAR 2X Easy Flow

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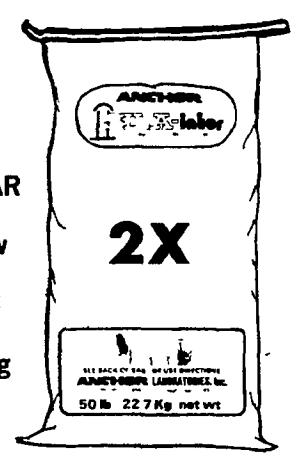


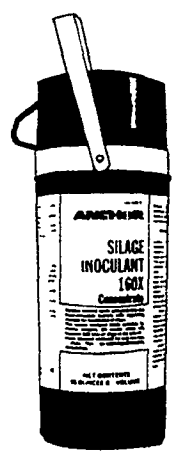


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- Keep your protein, dry matter, energy
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ANCHOR

# Juniata County DHIA Monthly Report

Pennsylvania Dairy Herd Improvement Association

June 1981

| OWNER | BREED | NO. COWS | % DAYS IN MILK | LBS. MILK | % FAT | LBS. FAT |
|---|---|---|---|---|---|---|
| Harold B Shearer | B3 | 40 0 | 93 6 | 58 7 | 4 0 | 2 33 |
| Russell Dressler | G3 | 33 0 | 92 7 | 50 6 | 4 2 | 2 10 |
| C Orlyn Saner | B3 | 38 0 | 99 1 | 56 5 | 3 7 | 2 10 |
| Charles C Saner | B3 | 52 8 | 80 3 | 52 0 | 3 9 | 2 01 |
| Luther C Maben | 3 | 30 5 | 100 2 | 58 3 | 3 4 | 1 99 |
| L & D Noss | 3 | 63 4 | 89 0 | 52 2 | 3 8 | 1 98 |
| Charles C Saner | B3 | 50 4 | 85 7 | 53 0 | 3 7 | 1 98 |
| James L Swartz | 3 | 31 0 | 95 5 | 56 0 | 3 5 | 1 95 |
| R & R. Saner | 3 | 45 1 | 92 6 | 54 6 | 3 6 | 1 95 |
| James C Graham | 3 | 35 0 | 86 6 | 52 0 | 3 7 | 1 94 |
| James Speer Jr | B3 | 56 0 | 90 8 | 49 8 | 3 9 | 1 93 |
| R Shearer & Sons | B3 | 56 3 | 89 1 | 50 5 | 3 8 | 1 93 |
| Elmer Noss & Son | 3 | 35 5 | 90 9 | 46 7 | 4 1 | 1 92 |
| Leonard Queitzsch | 5 | 58 0 | 93 9 | 47 5 | 4 0 | 1 92 |
| Clyde D Moyer | 3 | 33 9 | 83 3 | 49 4 | 3 8 | 1 89 |
| George M Stewart | B3 | 19 7 | 97 3 | 49 8 | 3 8 | 1 87 |
| Depew Brothers | B3 | 59 2 | 84 2 | 48 3 | 3 8 | 1 83 |
| Ronald Mummah | B3 | 35 0 | 97 4 | 50 4 | 3 6 | 1 83 |
| Iskcon Farms | 5 | 16 7 | 86 3 | 43 4 | 4 2 | 1 82 |
| Edmund K Book | 3 | 39 2 | 96 4 | 48 8 | 3 7 | 1 80 |
| S F Metz | B3 | 95 3 | 85 9 | 48 9 | 3 7 | 1 79 |
| Roy & Glen Henry | B3 | 66 8 | 81 4 | 49 0 | 3 6 | 1 78 |
| James V Wilson | 3 | 34 2 | 83 0 | 48 8 | 3 6 | 1 78 |
| George Love & Son | 3 | 53 0 | 89 4 | 46 9 | 3 8 | 1 77 |
| Rodney Conrad | B3 | 38 0 | 93 8 | 49 2 | 3 6 | 1 75 |
| John M Auker | B3 | 42 0 | 88 1 | 45 4 | 3 9 | 1 75 |
| J & A Faulkner | B3 | 40 0 | 85 7 | 53 2 | 3 3 | 1 73 |
| Charles Wochley | 3 | 57 7 | 79 9 | 43 9 | 3 9 | 1 72 |
| Barry E Lucas | B3 | 37 2 | 86 0 | 49 6 | 3 5 | 1 72 |
| D & D Apple | B3 | 71 0 | 87 8 | 43 7 | 3 9 | 1 71 |
| Marigold Knob Farm | 3 | 40 2 | 82 5 | 48 6 | 3 5 | 1 70 |
| L Brubaker & Son | 3 | 58 6 | 75 2 | 46 5 | 3 7 | 1 70 |
| J William Peoples | 3 | 28 0 | 90 5 | 47 1 | 3 6 | 1 69 |
| Raymond Kauffman | B3 | 67 0 | 86 3 | 47 5 | 3 5 | 1 68 |
| Marvin E Pontius | B3 | 29 4 | 88 1 | 43 1 | 3 9 | 1 68 |
| David M Brubaker | B3 | 41 0 | 87 8 | 46 0 | 3 7 | 1 68 |
| Delmar D Auker | B3 | 67 0 | 88 5 | 45 4 | 3 7 | 1 66 |
| James D Wagner | G3 | 59 0 | 89 0 | 42 8 | 3 9 | 1 65 |
| Richard Crawford | 3 | 48 7 | 89 3 | 45 1 | 3 6 | 1 64 |
| Harshbarger/Sons | B3 | 38 8 | 82 1 | 44 8 | 3 7 | 1 64 |
| D & D Apple | B3 | 70 6 | 81 0 | 41 9 | 3 9 | 1 63 |
| Marvin L Peoples | B3 | 115 4 | 88 1 | 42 7 | 3 8 | 1 62 |

The June 1981 report of the Juniata County Dairy Herd Improvement Association is as follows

Records were calculated for 5,322 cows in 96 herds

The ten high herds in average butterfat production per cow, per day are listed below Owner's name, number of cows, average daily pounds milk and butterfat per cow are given in order

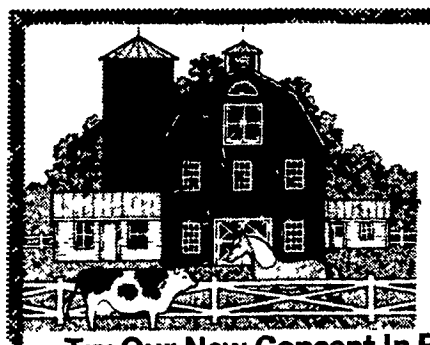
| | | | |
|---|---|---|---|
| Harold B Shearer | 40 | 58 7 | 2 33 |
| Russell J Dressler | 33 | 50 6 | 2 10 |
| Orlyn Saner | 38 | 56 5 | 2 10 |
| Charles Saner | 52 | 52 0 | 2 01 |
| Luther C Maben | 30 | 58 3 | 1 99 |
| Larry & Davis Noss | 63 | 52 2 | 1.98 |
| Charles C Saner | 50 | 53 0 | 1.98 |
| James L Swartz | 31 | 56 0 | 1 95 |
| Rick & Ralph Saner | 45 | 54 6 | 1 95 |
| James C. Graham | 35 | 52.0 | 1 94 |

Four hundred thirty eight cows completed lactation records of 305 days or less Two of these cows produced over 900 lbs of butterfat, 10 produced over 800 lbs , 40 produced over 700 lbs , 75 produced over 600 lbs., and 121 produced over 500 lbs

The fifteen high cows are listed below The owner's name, cow's name, pounds milk and pounds butterfat are given in order

| | | |
|---|---|---|
| Grande Hope Farm | | |
| Voda | 22,934 | 942 |
| 28 | 21,377 | 815 |
| Roy & Glen Henry | | |
| Mattie | 21,812 | 915 |
| Maria | 23,238 | 799 |
| Tippy | 22,055 | 779 |
| Mervin R Zendt | | |
| Henereta | 20,104 | 859 |

(Turn to Page C29)

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$13.00 per gallon applied, no additional cost Average Barn $650 00

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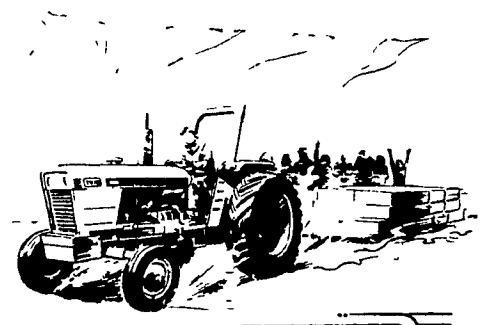

TRACTOR PULLING CONTEST

1981 Pull Schedule

| MINI & 4 W D | BIG TRACTORS |
|---|---|
| Sept. 4 | * August 8 |

* PULLS ARE PTPA SANCTIONED

Starting Time 6:30 P.M.
Further Information Call 717-264-8631

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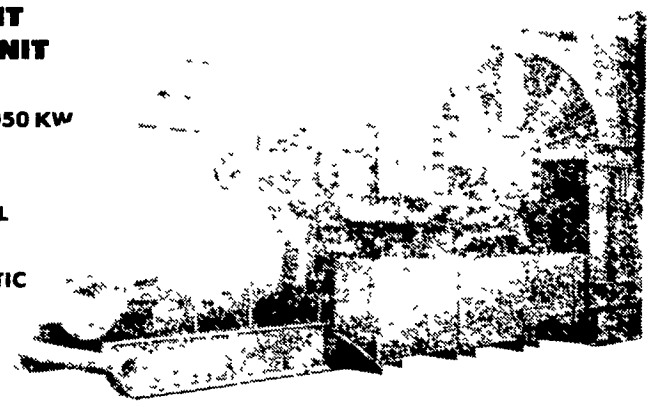

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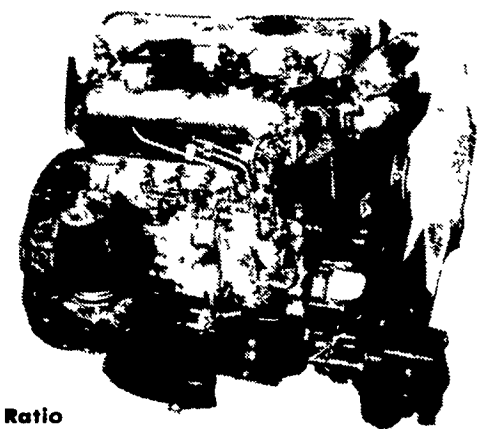

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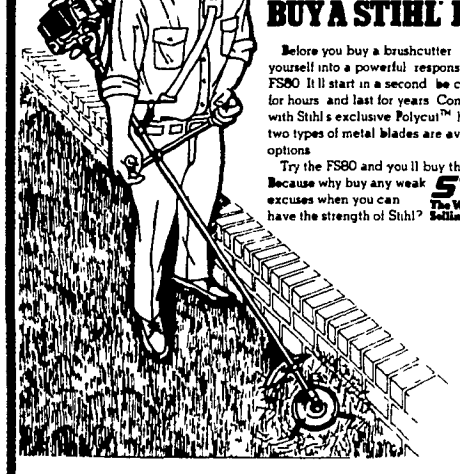

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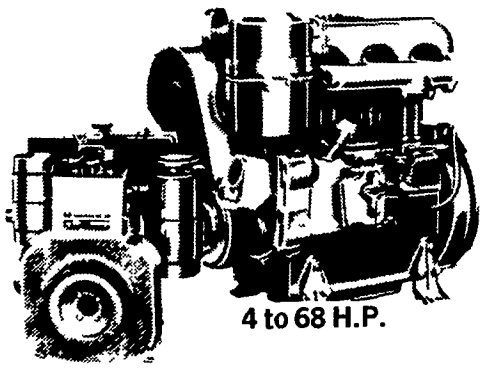

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# Bedford County DHIA Report

Pennsylvania Dairy Herd Improvement Association

**May 1981**

Here are listed herds average over 1 5 lbs butter fat for May, 1981.

| OWNER | NO. COWS | % DAYS IN MILK | LBS. MILK | LBS. FAT |
|---|---|---|---|---|
| Luther & Phil Steele | 68 2 | 92 2 | 58.1 | 2 34 |
| Byron Over | 51 3 | 90.7 | 59.3 | 2 20 |
| Jerry L. Hershberger | 76 2 | 86 8 | 53.1 | 2 12 |

# Juniata Co. DHIA

(Continued from Page C28)

| | | | |
|---|---|---|---|
| S F. Metz | | | |
| Doreen | | 19,216 | 853 |
| Zimmerman Brothers | | | |
| Manda | | 20,404 | 849 |
| Hedy | | 20,518 | 836 |
| Kathy | | 19,509 | 812 |
| Larry & Davis Noss | | | |
| 6 | | 18,658 | 845 |
| Russell J Dressler | | | |
| Julie 34 | | 19,474 | 840 |
| James H Speer | | | |
| Marsha | | 19,047 | 834 |
| Marigold Knob Farm | | | |
| 3 | | 16,727 | 834 |
| James C Graham | | | |
| Nan | | 18,834 | 776 |
| Fred S Steele | 37 8 | 98 4 | 52 5 | 2 11 |
| Paul Den | 75 0 | 90 7 | 54 1 | 2 06 |
| Paul I Detwiler | 104 0 | 94 4 | 51 4 | 2 03 |
| Clyde & Susan Snyder | 18 2 | 101 2 | 50 3 | 2 01 |
| Dick & EleanorRice | 50 0 | 97 6 | 49 6 | 1 99 |
| Charles Schaeffer | 36 1 | 94 5 | 51 6 | 1 98 |
| Dale A Baker | 48 5 | 97 0 | 50 0 | 1 96 |
| Shaffer Farms | 57 7 | 89 1 | 45 3 | 1 93 |
| Harry W Wareham | 77 8 | 89 4 | 48 5 | 1 92 |
| Obie Snider | 166 8 | 86 2 | 49 0 | 1 91 |
| Denton Clark | 44 4 | 93.7 | 50 1 | 1 91 |
| J Allen Baker | 121.6 | 96.2 | 53 4 | 1 90 |
| Richard D. Reed | 61 7 | 90 6 | 50 3 | 1 86 |
| Allen Claar | 46.7 | 90 5 | 50 8 | 1 86 |
| Edward A Deputy | 115.7 | 90 5 | 54 0 | 1 85 |
| Sunny Four Farm Inc | 75.9 | 85 1 | 49 6 | 1 84 |
| Ray W Hinish | 63 2 | 93 9 | 47 3 | 1 84 |
| Chet & George Erb | 68 0 | 95 4 | 50 0 | 1 83 |
| Bernard Snider | 93.2 | 91 4 | 48 3 | 1 83 |
| William H. Helsel | 34.0 | 83 0 | 47 2 | 1 80 |
| Blair Brooke | 48.9 | 95 3 | 56 7 | 1 80 |
| Obie Snider | 167.6 | 83 6 | 46 2 | 1 79 |
| Max W. Hershberger | 56 8 | 93 7 | 43.2 | 1.77 |
| Marlin Deterline | 62 8 | 91 3 | 48 6 | 1 77 |
| Anna & Henry Hall | 71 4 | 88 8 | 48 3 | 1 77 |
| Robert Swartzwelder | 50 0 | 90.9 | 49 0 | 1 76 |
| George Garman & Sons | 40.4 | 94,4 | 45 3 | 1 74 |
| Anthony Wertz | 47.7 | 86 8 | 45 3 | 1.74 |
| Roger R Brumbaugh | 42.3 | 87 6 | 45 1 | 1 74 |
| Larry Beach | 44.9 | 90 8 | 47 8 | 1 72 |
| Harold K. Corle | 49.7 | 88 7 | 47 3 | 1.70 |
| Raymond Hinish, Jr | 56.2 | 94 3 | 44 1 | 1 70 |
| Stan-El Jerseys | 68 8 | 94 7 | 35 4 | 1 69 |
| Richard D Reed | 73 9 | 84 5 | 48 1 | 1 69 |
| James R. Falvey | 37 7 | 94 7 | 48 6 | 1 69 |
| C. & Ross Hershberger | 134 3 | 92 8 | 44 6 | 1 69 |
| James L. Steele | 36 0 | 78 7 | 43 3 | 1 69 |
| Marlin Deterline | 64 2 | 92 8 | 46 3 | 1 68 |
| Harry Brubaker | 62 0 | 92 2 | 47 9 | 1 68 |
| B & R Zembower | 41 7 | 81 4 | 43 0 | 1 68 |
| Raymond Hinish, Jr | 57 4 | 93 1 | 43 4 | 1 67 |
| Blair Brooke | 48 4 | 91 0 | 53 0 | 1 67 |
| Snyder E Henry | 46 0 | 96 7 | 43 7 | 1 66 |
| Kim Karns | 38 0 | 90 2 | 46 5 | 1 65 |
| R Clair & Alan Koontz | 80 2 | 92 5 | 46 7 | 1 65 |
| Andy T Mohr | 41 5 | 92 2 | 43 3 | 1 65 |
| Albert C. Fulmor | 92 4 | 94 3 | 44 4 | 1 63 |
| Paul H Rissler | 31 0 | 79 5 | 40 1 | 1 63 |
| Donald E. Replogle | 33.4 | 82 8 | 45.4 | 1.61 |
| Clarence & Ken Mowry | 184.1 | 85 9 | 46 3 | 1.61 |
| Paul R. Ritchey, Jr | 66.9 | 84 7 | 42.7 | 1.61 |
| James R Falvey | 37.6 | 89 6 | 43.8 | 1.60 |
| Larry & Shirley Imler | 53.3 | 76.4 | 41.4 | 1.60 |
| G Paul Replogle | 32.0 | 90.0 | 39.5 | 1.59 |
| Springton Manor Farm | 80.3 | 92 9 | 41.4 | 1.59 |
| JTJ Wakefield Farms | 91.9 | 89 4 | 49.8 | 1 59 |
| Gatesway Farms | 75 6 | 88.4 | 41.5 | 1.56 |
| Daniel Smith | 57 5 | 91.2 | 42.6 | 1.56 |
| John H. Dollar | 41.4 | 92 1 | 42.8 | 1.56 |
| Derry L. Over | 48.5 | 83.7 | 42.0 | 1.56 |
| Ralaine Jerseys | 56.5 | 96.3 | 29.2 | 1.55 |
| Michael Stoltzfus | 37.0 | 84 1 | 43.3 | 1.54 |
| James Eshelman | 96.9 | 86 8 | 43.1 | 1.53 |
| Donald Bowser | 53.2 | 84.1 | 39.1 | 1.52 |
| Jay & Jackie Claycomb | 68.6 | 87 8 | 42.3 | 1.52 |
| B. & R. Zembower | 51.4 | 86.9 | 43.1 | 1.52 |
| Snake Spring Farm | 185.2 | 84.9 | 44.0 | 1 52 |
| Richard & Kathy Drewry | 14.0 | 95 4 | 40.6 | 1.51 |
| Robert Smith &Son | 39.3 | 87.8 | 35.8 | 1.50 |
| Edward L Creps | 47.0 | 79 8 | 37.2 | 1 50 |
| John C. Clapper | 31.0 | 99.1 | 39.4 | 1 50 |

The following cows completed 305 Day Lactation with 600 lbs of butterfat in May

| OWNER NAME OR NUMBER | AGE | BREED | LBS. MILK | LBS. FAT |
|---|---|---|---|---|
| Ray & Margaret Amick | | | | |
| Tessie | 5 | 3 | 14,784 | 618 |
| Donald Bowser | | | | |
| 154 | 9 | 3 | 18,640 | 755 |
| James Eshelman | | | | |
| 237 | 5 | 3 | 14,813 | 644 |
| Jon & Herman Clouse | | | | |
| 285 | 5 | 3 | 17,809 | 704 |
| Robert H Beach | | | | |
| 185 | 6 | 3 | 16,146 | 662 |
| 220 | 4 | 3 | 15,863 | 618 |
| Kim Karns | | | | |
| Champ | 6 | 3 | 16,833 | 678 |
| J Allen Baker | | | | |
| Debbie | 9 | 3 | 22,750 | 749 |
| Ray Snyder | | | | |
| Mae | 3 | 3 | 14,622 | 606 |

(Turn to Page C30)


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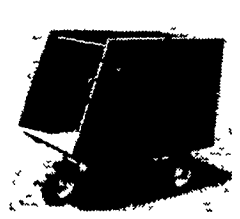
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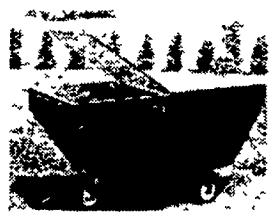
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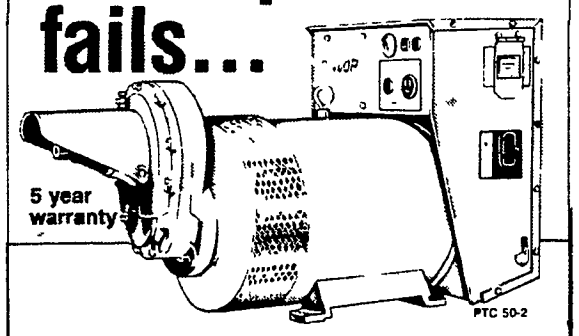

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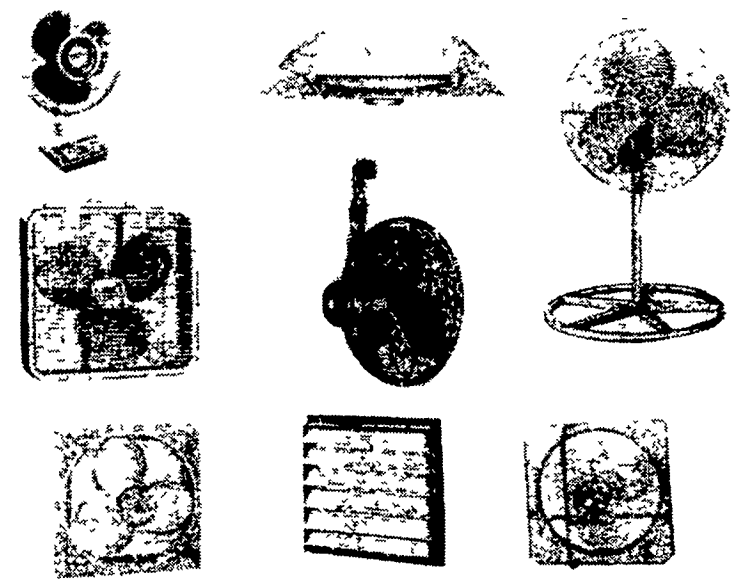
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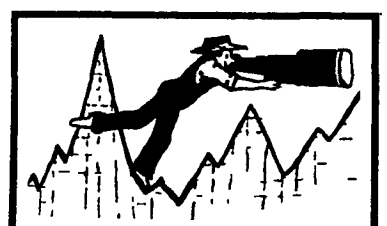
(Continued from Page C29)

| | | | | |
|---|---|---|---|---|
| Dwight Kagarise | | | | |
| Malinda | 4 | 3 | 18,542 | 619 |
| Robert Smith & Son | | | | |
| Merle | 11 | 2 | 14,180 | 636 |
| Russell Wyles | | | | |
| Kit | 5 | 3 | 16,673 | 676 |
| Nola | 4 | 3 | 18,061 | 700 |
| Luther & Phil Steele | | | | |
| Classy | 3 | 3 | 16,165 | 783 |
| Pandy | 2 | 3 | 13,997 | 638 |
| Byron Over | | | | |
| Daffy | 4 | 3 | 21,888 | 818 |
| William H Helsel | | | | |
| Bell | 3 | 3 | 18,182 | 680 |
| Ralaine Jerseys | | | | |
| Eleganc | 5 | 4 | 10,908 | 619 |
| Lynette | 4 | 4 | 11,080 | 668 |
| Goldie | 4 | 4 | 9,877 | 666 |
| Primlux | 4 | 4 | 10,136 | 656 |
| Fred S Steele | | | | |
| Candy | 4 | 3 | 18,943 | 744 |
| Bernard Hershberger | | | | |
| 77 | 3 | 3 | 13,521 | 627 |
| Obie Snider | | | | |
| Marlene | 6 | 3 | 20,901 | 761 |
| Shirley | 6 | 3 | 18,959 | 839 |
| Caro | 6 | 3 | 19,445 | 789 |
| Lila | 4 | 3 | 23,335 | 796 |
| Audretta | 3 | 3 | 16,253 | 672 |
| Billie J | 3 | 3 | 18,368 | 858 |
| Phyllis | 2 | 3 | 16 651 | 611 |
| Tippy | 2 | 3 | 19,678 | 686 |
| R Clair & Alan Koontz | | | | |
| Freddy | 4 | 3 | 13,893 | 640 |
| Henry & Ron Ritchey | | | | |
| 99 | 5 | 3 | 15,687 | 632 |
| 112 | 4 | 3 | 15,479 | 601 |
| Jerry L Hershberger | | | | |
| 24 | 8 | 3 | 21,647 | 886 |
| 38 | 5 | 3 | 22,371 | 974 |
| 63 | 3 | 3 | 19,116 | 906 |
| 83 | 3 | 3 | 20,881 | 853 |
| Marlin Deterline | | | | |
| 90 | 3 | 3 | 17,868 | 654 |
| 98 | 3 | 3 | 16,106 | 651 |
| Richard D Reed | | | | |
| Posie | 4 | 3 | 17,438 | 623 |
| Faye | 2 | 3 | 14,800 | 645 |
| Harry W Wareham | | | | |
| 74 | 6 | 3 | 25,668 | 967 |
| 37 | 6 | 3 | 29,935 | 1411 |
| 2 | 4 | 3 | 24,245 | 994 |
| 52 | 3 | 3 | 18,973 | 827 |
| 158 | 3 | 3 | 19,058 | 913 |
| 165 | 3 | 3 | 20,443 | 869 |
| 162 | 5 | 3 | 21,076 | 743 |
| 167 | 2 | 3 | 16,680 | 700 |
| 166 | 3 | 3 | 20 393 | 842 |
| 194 | 2 | 3 | 21 712 | 860 |
| Clarence & Ken Mowry | | | | |
| Sandy | 7 | 3 | 23,037 | 897 |
| Matty | 6 | 3 | 15,723 | 667 |
| Cheokee | 5 | 3 | 20,350 | 741 |
| Bethene | 5 | 3 | 17,143 | 600 |
| Tonya | 4 | 3 | 19,108 | 671 |
| Turfy | 5 | 3 | 17,382 | 626 |
| Sharon | 7 | 3 | 21,786 | 824 |
| Poppy | 3 | 3 | 15,499 | 603 |
| #Cordov | 2 | 3 | 23,717 | 1012 |
| Eclaire | 3 | 2 | 20,383 | 986 |
| Raymond Hinish, Jr | | | | |
| Joyce | 6 | 3 | 16,730 | 604 |
| Selina | 3 | 3 | 14,106 | 637 |
| Jack E Colledge | | | | |
| NNCY 127 | 5 | 3 | 15,452 | 622 |
| Grace 4 | 4 | 3 | 17,478 | 686 |
| Ned McDonald | | | | |
| Apollo | 6 | 3 | 17,744 | 763 |
| Albert C Fulmor | | | | |
| 13 | 8 | 3 | 18,328 | 676 |
| 16 | 8 | 3 | 16,592 | 619 |
| Anna & Henry Hall | | | | |
| Bun | 5 | 3 | 18,827 | 798 |
| Ash | 5 | 3 | 13,716 | 614 |
| Echo | 5 | 3 | 18,172 | 685 |
| Blacky | 1 | 3 | 16,340 | 703 |
| Blair Brook | | | | |
| Maple | 8 | 3 | 18,390 | 678 |
| Vada | 6 | 3 | 22,805 | 650 |
| Flame | 6 | 3 | 16,954 | 601 |
| Vida | 5 | 3 | 22,942 | 673 |
| Point | 5 | 3 | 18,838 | 730 |
| Harry Brubaker | | | | |
| 78 | 4 | 3 | 15,627 | 642 |
| Larry & Shirley Imler | | | | |
| Angel | 4 | 3 | 20,287 | 768 |
| Polly | 3 | 3 | 13,177 | 607 |
| Vee | 5 | 3 | 15,956 | 648 |
| Three Spring Run Farm | | | | |
| 527 | 2 | 3 | 17,342 | 653 |
| Paul Den | | | | |
| June | 4 | 3 | 17,483 | 739 |
| Free | 3 | 3 | 18,364 | 648 |
| Sunny Four Farm Inc | | | | |
| Lass | 5 | 3 | 18,149 | 678 |
| Pixie | 5 | 3 | 22,632 | 705 |
| Love | 4 | 3 | 18,300 | 624 |
| Paul R Ritchey, Jr | | | | |
| 45 | 6 | 3 | 16,854 | 688 |
| 25 | 3 | 3 | 15,459 | 650 |
| Shaffer Farms | | | | |
| Leann | 7 | 3 | 23,464 | 984 |
| Tera | 2 | 3 | 16,170 | 817 |
| Edward L Creps | | | | |
| Jane | 5 | 3 | 14,836 | 646 |
| Edward A Deputy | | | | |
| 50 | 6 | 3 | 17,904 | 615 |
| 42 | 4 | 3 | 18,554 | 697 |
| 54 | 3 | 3 | 16,683 | 675 |
| Allen Claar | | | | |
| Trixie | 3 | 3 | 17,437 | 672 |
| Dale A Baker | | | | |
| Mandy | 4 | 3 | 16,523 | 676 |
| Robert Harclerode | | | | |
| Betty | 6 | 3 | 15,448 | 607 |
| Chet & George Erb | | | | |
| 84 | 3 | 3 | 13,887 | 671 |
| Andy T Mohr | | | | |
| G 152 | 2 | 3 | 15,424 | 605 |
| Gregg Carbaugh | | | | |
| Rene | 5 | 3 | 13,950 | 613 |
| Bernard Snider | | | | |
| Pam | 6 | 3 | 17,410 | 792 |
| Babette | 5 | 2 | 15,092 | 732 |
| Bianca | 3 | 2 | 14,312 | 693 |
| Robert Swartzwelder | | | | |
| 65 | 5 | 3 | 16,434 | 639 |
| Ray W Hinish | | | | |
| 242 | 6 | 3 | 15,193 | 626 |
| Needle | 3 | 3 | 14,626 | 697 |
| Roger R Brumbaugh | | | | |
| Opal | 3 | 3 | 15,890 | 632 |
| Onyx | 2 | 3 | 16,891 | 654 |
| Blair L Bennett | | | | |
| 62 | 7 | 3 | 13,843 | 613 |
| James S Leidy | | | | |
| 27 | 4 | 3 | 17,827 | 623 |
| Ch & Ross Hershberger | | | | |
| 98 | 5 | 3 | 24,758 | 793 |
| 95 | 5 | 5 | 16,729 | 622 |
| 73 | 5 | 3 | 16,352 | 612 |
| 122 | 5 | 3 | 17,268 | 667 |
| Clarence Reasy Jr | | | | |
| 125 | 5 | 3 | 14,830 | 617 |
| 118 | 4 | 3 | 18,633 | 794 |
| Snake Spring Farm | | | | |
| 152 | 9 | 3 | 13,507 | 662 |
| 11 | 6 | 3 | 17,621 | 671 |
| 52 | 4 | 3 | 15,021 | 645 |
| Paul I Detwiler | | | | |
| 27 | 5 | 3 | 21,278 | 896 |
| 39 | 6 | 3 | 16,235 | 615 |
| 77 | 3 | 3 | 16,677 | 667 |
| 98 | 2 | 3 | 14,088 | 693 |
| Paul Fisher | | | | |
| 113 | 5 | 3 | 16,075 | 612 |





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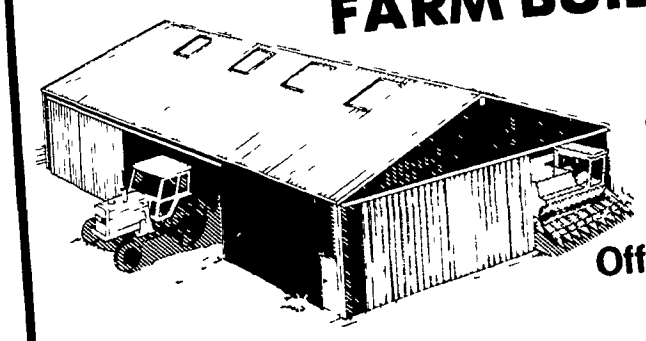

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- Solid Entrance Door
- Painted Aluminum Sides
- Side Wall Sliding Door
- Skylights In Roof

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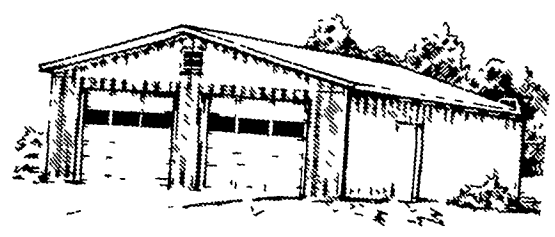

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# dhia Somerset County DHIA Report

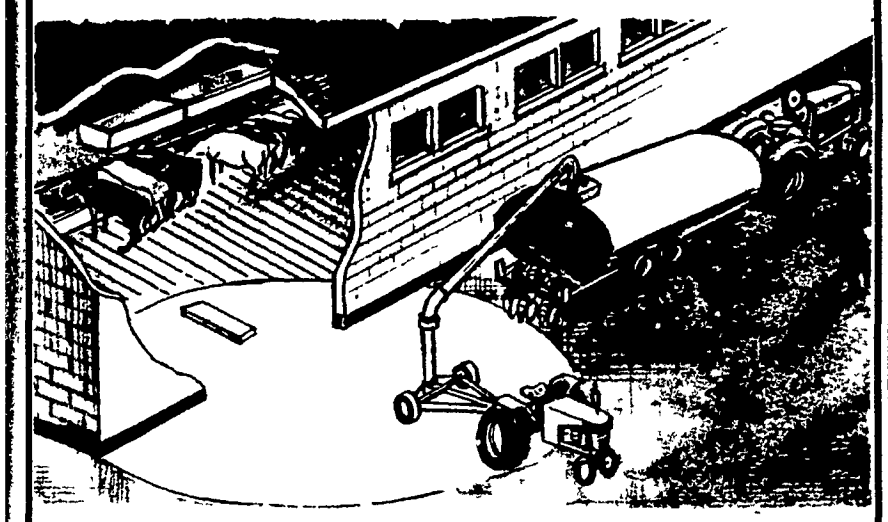
Pennsylvania Dairy Herd Improvement Association

**May, 1981**

| OWNER | BRD | NO. COWS | % DAYS IN MILK | LBS. MILK | % FAT | LBS. FAT |
|---|---|---|---|---|---|---|
| Donald Glessner | 3 | 40 0 | 98 5 | 61 1 | 4 2 | 2 54 |
| Double-Ott Dairy | 3 | 31 0 | 91 8 | 60 5 | 4 1 | 2 51 |
| George C. Stahl | B3 | 63 9 | 96 1 | 71 5 | 3 5 | 2 50 |
| George C Stahl | B3 | 61 6 | 92 6 | 69 9 | 3 5 | 2 44 |
| Reimandale Farm | 3 | 56 8 | 87 3 | 59 6 | 4 0 | 2 37 |
| Claradale Farms | 3 | 71 0 | 93 1 | 61 9 | 3 8 | 2 35 |
| Wel-Lyn Farms | 3 | 67 8 | 93 5 | 57 4 | 4 0 | 2 32 |
| Latuch Brothers | 3 | 79 7 | 88 7 | 58 1 | 3 9 | 2 26 |
| Robert D. Will | B3 | 64 3 | 94 0 | 47 9 | 4 7 | 2 23 |
| Paul J Pyle | B3 | 39 0 | 93 1 | 59 4 | 3 7 | 2 21 |
| Lewis W Berkley | 3 | 66 6 | 91 1 | 58 8 | 3 7 | 2 19 |
| Leon Knepper | 3 | 86 3 | 91 0 | 57 7 | 3 8 | 2 18 |
| Donna L&K W Brant | 3 | 50 7 | 93 3 | 55 0 | 3 9 | 2 13 |
| Kimder Farm | B3 | 60 0 | 97 3 | 57 9 | 3 6 | 2 11 |
| Arlen W. Maust | B3 | 9 0 | 91 0 | 55.4 | 3 8 | 2 09 |
| Merle Mister & Sons | B3 | 33 6 | 90 4 | 59 4 | 3 5 | 2 09 |
| Paul & Dave Countryman | 3 | 90 2 | 88 7 | 54 0 | 3 9 | 2 08 |
| Wm E Hunsberger | B3 | 52 5 | 90 6 | 61 5 | 3 4 | 2 08 |
| Harry Mosholder | B3 | 31 0 | 96 4 | 60 2 | 3 5 | 2 08 |
| R Taylor & L Bittner | 3 | 57 5 | 84 0 | 52 8 | 3 9 | 2 06 |
| Dean E Hillegas | B3 | 59 9 | 83 3 | 53 0 | 3 9 | 2 06 |
| Stoney Acres Farms | B3 | 47 1 | 92 0 | 48 7 | 4 2 | 2 06 |
| Robert M Bauermaster | 3 | 93 5 | 91 8 | 56 7 | 3 6 | 2 05 |
| Lloyd Lohr | 5 | 35 0 | 97 7 | 44 7 | 4 5 | 2 03 |
| Sec Win Farm | 3 | 73 0 | 91 3 | 54 5 | 3 6 | 1 97 |
| Farview Acres | B3 | 58 0 | 82 8 | 49 9 | 3 9 | 1 97 |
| Urbadale Farm | B3 | 33 9 | 93.0 | 51 0 | 3 9 | 1 97 |
| Gerald F Carr | 3 | 64 0 | 92 7 | 49 9 | 3 9 | 1 95 |
| Milford Valley Farm | 3 | 50 0 | 91 0 | 52 6 | 3 7 | 1 94 |
| Timothy D Clites | 3 | 37 9 | 89 3 | 50 7 | 3 8 | 1 93 |
| Harold E Miller | B3 | 61 0 | 81 1 | 52 6 | 3 7 | 1 93 |
| George N Baer | 3 | 44 0 | 91 8 | 53 6 | 3 6 | 1 93 |
| Ernest P Hoffman | B3 | 54 0 | 79 8 | 48 9 | 3 9 | 1 93 |
| Thomas Snyder | B3 | 49 0 | 83 7 | 51 6 | 3 7 | 1 92 |
| Hillmont | 3 | 82 5 | 92.8 | 52 5 | 3 6 | 1 91 |
| Charles S Wilcox | B3 | 66 1 | 89 1 | 51 4 | 3 7 | 1.91 |
| Zerin Dairy Farm | B3 | 85 8 | 82.8 | 49 0 | 3 9 | 1.91 |
| Wm C Blough & Son | B3 | 113 0 | 92.3 | 47 6 | 3 9 | 1 88 |
| Zerin Dairy Farm | B3 | 88 2 | 79.4 | 48 7 | 3 8 | 1 87 |
| David Greenleaf | B3 | 47 0 | 85 2 | 46 8 | 4 0 | 1 87 |
| Paul E Yoder | 3 | 38 0 | 89 0 | 48 7 | 3 8 | 1 86 |
| James Mostoller | B3 | 54 5 | 80 3 | 50 4 | 3 7 | 1 85 |
| Lonnie D Ream | B3 | 32 0 | 83.3 | 49 2 | 3 8 | 1 85 |
| K W & L W Saylor | B3 | 67 1 | 98 5 | 47 1 | 3 9 | 1 85 |
| Evan L Maust | B3 | 38 0 | 83 3 | 44 8 | 4 1 | 1 84 |
| Bar Val Fm Inc | 3 | 116 3 | 92 9 | 51 9 | 3 5 | 1 83 |
| Hillegass Farms | 3 | 93 0 | 87 5 | 52 9 | 3 5 | 1.83 |
| Owen Stellingwerf | B3 | 36 4 | 89 1 | 48 8 | 3 8 | 1 83 |
| Douglas J Hillegass | B3 | 54 3 | 88.4 | 47 3 | 3 9 | 1 83 |
| Charles E Maust | B3 | 28 0 | 97 8 | 48 6 | 3 7 | 1 82 |
| William D Marteeny | B3 | 73 6 | 83.4 | 55 4 | 3 3 | 1 81 |
| North View Farm | 3 | 147 0 | 82 7 | 45 8 | 3 9 | 1 80 |
| Glade Triangle Fm | B3 | 46 0 | 96.7 | 46 8 | 3 8 | 1 80 |
| Loyetta Farms | G3 | 97 2 | 92.4 | 48 2 | 3 7 | 1 79 |
| Don R Miller | B3 | 53 4 | 88 7 | 46 9 | 3 8 | 1 78 |
| Elwood Yoder | B3 | 35 7 | 87 5 | 52 5 | 3 4 | 1 78 |
| Frank S Bocsy & Son | B3 | 40 2 | 79 4 | 45 8 | 3 9 | 1 77 |
| Wayne Schrock | 3 | 54 1 | 82 0 | 49 4 | 3 6 | 1 77 |
| William R Yoder | 4 | 27 5 | 99.2 | 36 8 | 4 8 | 1 77 |
| Marvin E Thomas | B3 | 52 0 | 90 1 | 47 4 | 3 7 | 1 77 |
| Farview Acres | B3 | 58 0 | 80.5 | 47.8 | 3 7 | 1.76 |
| Glenn E Johnson | 3 | 64 6 | 98.9 | 52 3 | 3 3 | 1 75 |
| Vincent Flannery | 3 | 121 2 | 90.9 | 46.1 | 3 8 | 1 75 |
| James W Ringler | B3 | 57.3 | 90 3 | 50 3 | 3 5 | 1 74 |
| John Zehner | B3 | 64.0 | 88.0 | 49 5 | 3 5 | 1 74 |
| Donald E Vangilder | B3 | 64.0 | 88 8 | 46 2 | 3 8 | 1 74 |
| Strip View Farm | B3 | 44.7 | 81.5 | 44 0 | 4.0 | 1 74 |
| Pax-Terra Jim Paxton | B3 | 23 9 | 100.0 | 48.6 | 3 6 | 1 73 |
| Tunnel Hill Farm | 3 | 55.3 | 84.3 | 48 6 | 3.5 | 1 72 |
| Donald R Hixson | 3 | 42.3 | 90 4 | 45 3 | 3.8 | 1 71 |
| Wm C. Blough & Son | B3 | 114.2 | 86.0 | 44 5 | 3.8 | 1 71 |
| Lewis E. Maust | G3 | 25 8 | 84 2 | 45.1 | 3.8 | 1.70 |
| Wincrest Farm | B3 | 60.6 | 94 8 | 43.4 | 3.9 | 1 70 |
| Rocky Ridge Farm | B3 | 67.0 | 89.0 | 44 1 | 3.9 | 1 70 |
| Snyder Bros Farm | G3 | 61.2 | 92.6 | 42.9 | 3.9 | 1 69 |
| Robert Hillegass | B3 | 39.0 | 95.5 | 41.3 | 4.1 | 1 69 |
| Robert K Knopsnyder | B3 | 48.0 | 85 1 | 44 0 | 3.8 | 1 69 |
| Tice-Platz | B8 | 51.9 | 91.8 | 45 9 | 3 7 | 1 68 |
| Clark E. Weyand | B3 | 58 6 | 89 8 | 47 7 | 3.5 | 1 68 |
| John Zehner | B3 | 67 1 | 90.9 | 47 9 | 3.4 | 1.65 |
| James W Ringler | B3 | 56 8 | 83.5 | 47 6 | 3.4 | 1 63 |
| Friendship Farms | G3 | 64 0 | 80 8 | 44 0 | 3.7 | 1 63 |
| Richard M. Webreck | B3 | 54 0 | 97 5 | 44.0 | 3.7 | 1 62 |
| Royal W. Knepper, Jr. | B3 | 60.0 | 86 9 | 39 0 | 4.2 | 1 62 |
| Delbert & Ed Thomas | B3 | 86 4 | 89.6 | 41.8 | 3.9 | 1 62 |
| Wm. & Verna Shultz | 3 | 43 4 | 84.5 | 40.4 | 4.0 | 1.61 |
| Harold E Hay | B3 | 48 8 | 94 6 | 41 9 | 3.8 | 1.60 |
| Harveda Blair & Sons | B3 | 68.1 | 77.0 | 40 8 | 3.9 | 1 59 |
| A J Walker Farm | B3 | 46.3 | 84 2 | 40 9 | 3.9 | 1 58 |
| Rosetree Acres Fm | 3 | 45 6 | 86.5 | 42.1 | 3.8 | 1 58 |
| Shaffer &D. Walker | B3 | 33 1 | 90.6 | 45 7 | 3.5 | 1.58 |
| Rupple D Brant | B3 | 89.0 | 94.1 | 42 0 | 3.7 | 1 57 |
| Carl Walker | B3 | 55.5 | 89 2 | 42 5 | 3.7 | 1 56 |
| Harold M Shaulis, Jr | B3 | 58 0 | 77 3 | 41 0 | 3.8 | 1.56 |
| Ray R Carver | B8 | 58 0 | 84 6 | 40 5 | 3.8 | 1 54 |
| James R Hemminger | B3 | 50 6 | 85 4 | 39 2 | 3 9 | 1 53 |
| Sam Holsopple & Sons | B3 | 37 0 | 92 3 | 41 9 | 3.7 | 1.53 |
| Windy Valley Dairy | B3 | 84 2 | 79 2 | 40 7 | 3.7 | 1 52 |
| Willard Maust | 3 | 46 5 | 77 9 | 41 7 | 3 6 | 1 50 |
| Annie Berzonski | B3 | 79 4 | 80 9 | 35 3 | 4.2 | 1 49 |
| Richard M Webreck | B3 | 56 0 | 92 0 | 40 0 | 3.7 | 1 48 |
| John P Slobozien | B3 | 22 0 | 81 8 | 40.4 | 3.7 | 1 48 |
| Paul & Sharon Fox | B3 | 37 4 | 85 3 | 45 2 | 3.2 | 1 45 |
| Somerset Farms | B3 | 48 9 | 87 7 | 39 6 | 3.6 | 1 44 |
| Larry Lohr | B8 | 98 2 | 87 5 | 39 1 | 3.7 | 1 43 |
| Dale E Leydig | B3 | 46 6 | 81 0 | 35.9 | 4.0 | 1 43 |
| Friendship Farms | G3 | 65 8 | 70 8 | 36 8 | 3.9 | 1 42 |
| Emmert Weaver | G3 | 47 0 | 94 6 | 36 7 | 3 7 | 1 37 |

(Turn to Page C32)


## UNDERGROUND LIQUID MANURE SYSTEMS



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* Eliminates breeding places for flies and insects
* Eliminates odor with underground manure storage

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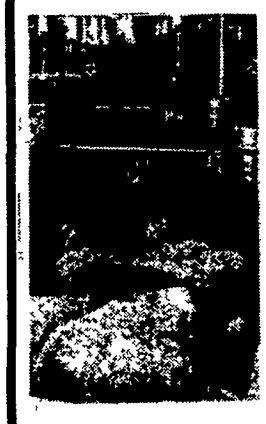

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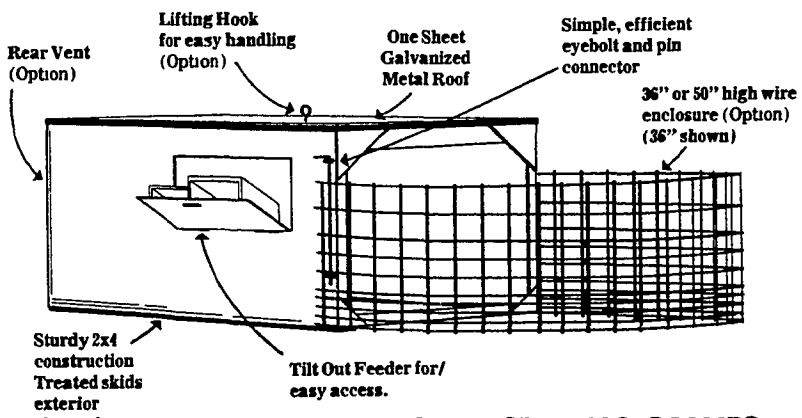
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Lifting Hook for easy handling (Option)
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36" or 50" high wire enclosure (Option) (36" shown)
Sturdy 2x4 construction Treated skids exterior plywood
Tilt Out Feeder for/ easy access.

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# York County DHIA Monthly Report

Pennsylvania Dairy Herd Improvement Association

**June 1981**

The high herd was Avalong's Farm Inc , R7, York with 25 Holstein cows producing 59 5 lbs milk and 2 22 lbs B F Second high was Paul R King, R2, Delta with 46 Holstein cows producing 55 9 lbs milk and 2 09 lbs B F

The high cow was Audrey a 7 year old Holstein from Smyser's Richlawn Farms, 2691 East Berlin Rd , York 17404 who produced in 305 days 29,190 lbs milk and 992 lbs B F Second high was Glory a 5 year old Holstein owned by T Edwin Johnson, Airville who produced in 305 days 23,769 lbs milk and 852 lbs B F

| OWNER | BREED | NO. COWS | % DAYS IN MILK | LBS. MILK | % FAT | LBS. FAT |
|---|---|---|---|---|---|---|
| Avalong Farms Inc | 3 | 25 7 | 88 3 | 59 5 | 3 7 | 2 22 |
| Paul R King | 3 | 46 8 | 94 7 | 55 9 | 3 7 | 2 09 |
| Smyser Richlawn Fm | 3 | 73 0 | 84 3 | 55 6 | 3 7 | 2 06 |
| Thomas A Boyer | 3 | 34 0 | 95 8 | 55 4 | 3 7 | 2 05 |
| Lynn Wolf | 3 | 54 0 | 91 3 | 52 3 | 3 9 | 2 04 |
| Beshore Farms | 3 | 41 0 | 91 3 | 55 6 | 3 6 | 1 98 |
| Kenneth Rexroth | B3 | 95 0 | 96 4 | 52 1 | 3 8 | 1 98 |
| Phillip Laughman | 3 | 24 0 | 83 9 | 51 1 | 3 8 | 1 93 |
| The J E Baker Co | B3 | 43 0 | 89 0 | 53 9 | 3 6 | 1 92 |
| Rick L Cook | B3 | 54 2 | 96 1 | 49 4 | 3 8 | 1 90 |
| Smyser Richlawn Fm | 3 | 74 6 | 82 4 | 50 1 | 3 7 | 1 85 |
| Melvin R Lehr | B3 | 46 3 | 82 0 | 51 2 | 3 6 | 1 82 |
| T Edwin Johnson | 3 | 51 3 | 83 3 | 47 4 | 3 8 | 1 81 |
| Leroy Bupp | 3 | 85 9 | 95 8 | 50 3 | 3 6 | 1 81 |
| Wayne E Myers | 3 | 41 0 | 82 1 | 51 5 | 3 5 | 1 80 |
| Sinking Spring Fm | 3 | 67 6 | 87 1 | 50 0 | 3 6 | 1.79 |
| H Fetrow & Sons | 3 | 78 1 | 83 4 | 48 4 | 3 7 | 1 79 |
| Wayne B Mummert | B3 | 73 8 | 82 8 | 49 1 | 3 6 | 1 79 |
| B Robert Charles | B3 | 47 1 | 84 7 | 48 6 | 3 7 | 1 79 |
| Smokey Hollow Fm | B3 | 32 0 | 86 6 | 48 4 | 3 7 | 1 77 |
| Geo Knight | 3 | 112 7 | 86 0 | 50 9 | 3 5 | 1.76 |
| Rodman C Thompson | 3 | 54 6 | 81 6 | 52 5 | 3 4 | 1 76 |
| Elvin G Molison | B3 | 128 2 | 87 9 | 46.0 | 3 8 | 1 75 |
| Avalong Farms Inc | 2 | 44 4 | 90 4 | 37 5 | 4 6 | 1 73 |
| David Stewart | 3 | 104 6 | 92 1 | 49 7 | 3 5 | 1 73 |
| William Ruppert | B3 | 51 3 | 84 3 | 46 7 | 3 7 | 1 72 |
| Earl Fuhrman | 3 | 74 0 | 84 2 | 46 3 | 3 7 | 1 71 |
| R & M Stewart | 3 | 51 1 | 88 1 | 45 5 | 3 7 | 1 70 |
| Fred Sprenkle | 3 | 36 0 | 92 0 | 49 9 | 3 4 | 1 69 |
| Geo Knight | 3 | 110 0 | 83 1 | 52 3 | 3 2 | 1.68 |
| Stump Acres | B3 | 98 2 | 89 5 | 47 7 | 3 5 | 1.67 |
| Honeycrest Fm | B2 | 94 7 | 88.3 | 37 5 | 4 5 | 1 67 |
| Daryl L Bair | B3 | 40 2 | 90 9 | 47 4 | 3 5 | 1 66 |
| Rutter Bros | 2 | 79 0 | 87 6 | 34 5 | 4 8 | 1 64 |
| Leader Farms | 2 | 76 0 | 81 1 | 35 6 | 4 6 | 1 64 |
| Dennis J Myers | 3 | 50 7 | 92 4 | 44 4 | 3 7 | 1 64 |
| Rutter Bros | 2 | 76 8 | 88 5 | 34 9 | 4 7 | 1 63 |
| Furnace Creek Farm | 3 | 112 0 | 90 4 | 46 6 | 3 5 | 1.63 |
| Fantom & Gordon | B8 | 57 1 | 93 7 | 44 9 | 3 6 | 1.63 |
| Edwin L Calhoun | B3 | 44 9 | 86 2 | 44 0 | 3 7 | 1.63 |
| McRal Dairy Farm | B3 | 121 6 | 84 8 | 50 5 | 3 2 | 1 62 |
| B Robert Charles | B3 | 46 3 | 76 9 | 43 1 | 3 7 | 1 61 |
| T & M Walker | G3 | 36 6 | 81 1 | 46 8 | 3 4 | 1 60 |
| Gary W Thoman | 3 | 45 0 | 92 0 | 44 1 | 3 6 | 1 60 |
| Eugene B Taylor | B3 | 49 8 | 96 0 | 45 6 | 3 5 | 1 60 |
| Albert Dehoff | B3 | 124 0 | 92 6 | 42 4 | 3 7 | 1 58 |
| Wayne L Sweitzer | B3 | 53 5 | 89 4 | 47 6 | 3 3 | 1 57 |
| Fawn Meadow Hols | B3 | 64 0 | 88 9 | 47 4 | 3 3 | 1 57 |
| Bupplynn Farms | B3 | 63 4 | 88 4 | 43 6 | 3 6 | 1 55 |
| Mervin W Hertzler | 2 | 64 9 | 92 3 | 34 5 | 4 5 | 1 55 |
| Harold Brown | 3 | 59 4 | 86 8 | 44 2 | 3 5 | 1 54 |
| Harold Brown | 3 | 60 8 | 85 1 | 44 0 | 3 5 | 1 54 |
| J & M Hushon | B3 | 96 7 | 85 7 | 44.0 | 3 5 | 1 54 |
| Desota & Burchett | G3 | 110 1 | 89 9 | 40 7 | 3 8 | 1 54 |
| Dale Barshinger | B3 | 37 3 | 83 2 | 42 0 | 3 6 | 1 53 |
| Big T Holsteins | B3 | 87 3 | 87 2 | 42 9 | 3 6 | 1 53 |
| Elvin R Deiter | B3 | 62 5 | 87 5 | 42 7 | 3 6 | 1 52 |
| Leland Stanford | B3 | 34 0 | 87 9 | 40 3 | 3 8 | 1 52 |
| Perrydell Farms | B3 | 168 7 | 86 0 | 41 6 | 3 7 | 1 52 |
| Eisenhart Bros | B3 | 63 8 | 86 3 | 43 1 | 3 5 | 1 52 |
| Horace E Heindel | B3 | 124 1 | 82 9 | 48.1 | 3 1 | 1 51 |
| David Gemmill | B3 | 51 0 | 94 1 | 39 3 | 3 8 | 1 51 |
| Ellis Crowl | B3 | 95 9 | 81 1 | 45 1 | 3 3 | 1 49 |
| P McWilliams Jr | B3 | 39 1 | 88 9 | 41 6 | 3 6 | 1 49 |
| Walnut Hill Farms | B3 | 47 0 | 78 3 | 41.7 | 3 6 | 1 49 |
| Leroy Hertzler | B3 | 29 0 | 89 7 | 37 0 | 4 0 | 1 48 |
| Gum Tree Farm | 3 | 40 2 | 91 2 | 41 3 | 3 6 | 1 47 |
| C Robert Kilgore | B3 | 42 0 | 83 3 | 42 3 | 3 5 | 1 47 |
| Eugene M Kilgore | B8 | 57 2 | 83 4 | 40 1 | 3 6 | 1 46 |
| Desota & Burchett | G3 | 109 9 | 82 0 | 39 9 | 3 7 | 1 46 |
| Robert Buser | B3 | 82 0 | 97 0 | 40 3 | 3 6 | 1 46 |
| Walkers Farm | B3 | 71 6 | 80 6 | 41 7 | 3 5 | 1 45 |
| Adrian Rinehart | B3 | 95 3 | 80 5 | 38 6 | 3 7 | 1 42 |
| Philip Stambaugh | 3 | 55 4 | 85 7 | 37 9 | 3 7 | 1 41 |
| Richard E Stough | 3 | 35 0 | 67 9 | 37 1 | 3 8 | 1 40 |
| Albert Neufeld | B3 | 119 7 | 81 7 | 38 0 | 3 7 | 1.40 |
| Double D Farm | B3 | 92 3 | 78 8 | 36 0 | 3 9 | 1 40 |
| Elwood T Krick | B3 | 77 8 | 94 1 | 39 1 | 3 6 | 1 39 |
| Robert W Mays | B3 | 57 9 | 87 6 | 40 9 | 3 4 | 1.39 |
| D & C Druck | B3 | 72 9 | 76 6 | 42 4 | 3 3 | 1 39 |
| David V Thompson | B3 | 93 3 | 83 5 | 35 7 | 3 9 | 1 38 |
| Donald Wilson | B3 | 42 2 | 86 5 | 39 0 | 3 5 | 1 38 |
| Denis L McWilliams | 3 | 62 4 | 89 8 | 41 8 | 3 2 | 1 35 |
| Carl Anderson | B3 | 43 2 | 85 1 | 33 7 | 4 0 | 1 35 |

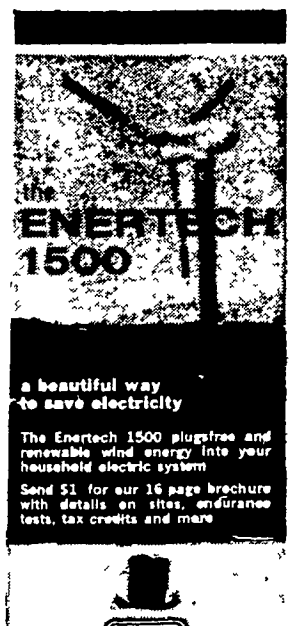
# Somerset Co. DHIA

(Continued from Page C31)

| | | | | | | |
|---|---|---|---|---|---|---|
| Little Piney Farm | B3 | 40 0 | 87 3 | 36 1 | 3 8 | 1 37 |
| R F Shockey, Jr | B3 | 58 8 | 92 8 | 39 6 | 3 4 | 1 36 |
| Little Piney Farm | B3 | 41 1 | 86 4 | 35 5 | 3 7 | 1 32 |
| Jim Brocht | B3 | 58 7 | 81 5 | 33 8 | 3 8 | 1 29 |
| Hi Vue Farm | B3 | 46 5 | 85 5 | 31 0 | 4 1 | 1 26 |
| T Rich, Inc | B3 | 127 1 | 69 5 | 29 5 | 4 1 | 1 21 |
| Bernard McKenzie | B3 | 47 0 | 83 6 | 31 1 | 3 7 | 1 14 |
| Mt Davis Farm | B3 | 42 4 | 82 6 | 32 3 | 3 5 | 1 13 |
| Hays Park Farm | B3 | 72 7 | 89 3 | 30 1 | 3 7 | 1 11 |
| Dr Edwin M Price | G3 | 19 0 | 81 8 | 25 1 | 4 1 | 1 03 |

| OWNER NAME OR NUMBER | BREED | AGE | DAYS IN MILK | LBS. MILK | % FAT | LBS. FAT |
|---|---|---|---|---|---|---|
| Geo Knight | | | | | | |
| Lisa | 3 | 10 11 | 305 | 16,439 | 3 6 | 594 |
| 8282 | 3 | 9-0 | 305 | 18,674 | 3 5 | 655 |
| Jessica | 3 | 9-8 | 266 | 13,419 | 3 8 | 514 |
| E Charm | 3 | 7-0 | 305 | 16,696 | 3 7 | 625 |
| Ruby | 3 | 4-5 | 305 | 19,830 | 4 3 | 848 |
| 154 | 3 | 4-1 | 305 | 17,197 | 3 8 | 660 |
| 174 | 3 | 3-6 | 305 | 15,173 | 4 0 | 611 |
| 132 | 3 | 5-0 | 305 | 15,604 | 4 0 | 628 |
| 111 | 3 | 3-7 | 282 | 13,902 | 4 7 | 658 |
| 93 | 3 | 2-3 | 305 | 14,944 | 4 0 | 600 |
| ET 20 | 3 | 2-4 | 305 | 15,870 | 3 8 | 605 |
| Fawn Valley Farm | | | | | | |
| K Otta | 3 | 5-6 | 305 | 16,841 | 3 8 | 642 |
| Lorena | 3 | 4-7 | 305 | 18,651 | 3 5 | 658 |
| Edith | 3 | 5-1 | 305 | 14,860 | 3 8 | 567 |
| Libby26 | 3 | 3-9 | 305 | 14,633 | 4 6 | 677 |
| Lou 77 | 3 | 3-5 | 305 | 14,235 | 3 8 | 543 |
| JO-78 | 3 | 3 3 | 305 | 15,308 | 4 2 | 644 |
| Emory & Wm Kilgore | | | | | | |
| 39 | 3 | 8 3 | 305 | 13,737 | 4 1 | 565 |
| David V Thompson | | | | | | |
| 123 | 3 | 6-3 | 305 | 18,709 | 3 5 | 654 |
| 131 | 3 | 0-0 | 305 | 16,020 | 3 5 | 555 |
| P37 | 3 | 3-6 | 305 | 15,937 | 4 2 | 671 |
| Ellis Crowl | | | | | | |
| S Bell | 3 | 7-11 | 274 | 15,899 | 3 6 | 571 |
| R 12 | 3 | 4 2 | 297 | 17,103 | 3 2 | 553 |
| 34 | 3 | 2-6 | 305 | 14,773 | 3 6 | 525 |
| R-54 | 3 | 3 11 | 304 | 13,278 | 4 0 | 529 |
| Donald Lanius | | | | | | |
| Wilma | 2 | 3-5 | 305 | 11,454 | 4 7 | 533 |
| Sinking Spring Fm Inc | | | | | | |
| Del | 3 | 4 2 | 305 | 20,590 | 3 8 | 775 |
| Judith | 3 | 2-3 | 305 | 16,283 | 3 8 | 624 |
| Marcela | 3 | 2 5 | 305 | 16,830 | 3 5 | 587 |
| Rutter Bros | | | | | | |
| Selma | 2 | 9-1 | 305 | 17,244 | 4 8 | 821 |
| Easy | 2 | 7-3 | 297 | 11,985 | 5 5 | 655 |
| Cla | 2 | 6-7 | 305 | 14,175 | 5 4 | 771 |
| Lucy | 2 | 5-8 | 301 | 9,656 | 5 5 | 532 |
| Beshore Farms | | | | | | |
| Iona | 3 | 7-4 | 305 | 21,710 | 3 3 | 708 |
| Juliet | 3 | 6-0 | 305 | 17,197 | 3 3 | 560 |
| Nora | 3 | 5-4 | 305 | 16,635 | 3 7 | 620 |
| Jody | 3 | 2-6 | 305 | 16,256 | 4 0 | 658 |
| Harold Brown | | | | | | |
| Bird | 3 | 8 5 | 305 | 12,763 | 4 1 | 526 |
| Cleo | 3 | 7 2 | 305 | 18,851 | 3 4 | 642 |
| Beulah | 3 | 4 9 | 305 | 17,986 | 3 1 | 550 |
| June | 3 | 4-5 | 295 | 15,528 | 3 3 | 516 |
| Fran | 3 | 2 8 | 305 | 16,185 | 3 1 | 501 |
| Gwen | 3 | 2-8 | 305 | 16,934 | 3 5 | 585 |
| Gum Tree Farm | | | | | | |
| Teresa | 3 | 8 9 | 305 | 14,151 | 4 7 | 672 |
| Zilk | 3 | 5-7 | 305 | 16,212 | 3 5 | 570 |
| Baretta | 3 | 3-7 | 305 | 16,501 | 3 5 | 582 |
| Connie | 3 | 2-11 | 305 | 14,317 | 3 7 | 528 |
| Daisy | 3 | 2-0 | 293 | 13,688 | 3 8 | 516 |

(Turn to Page C33)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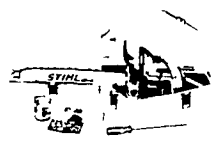

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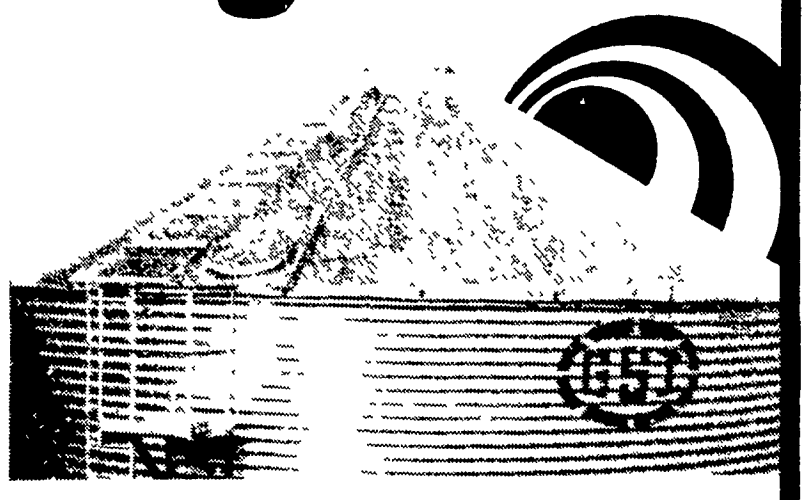

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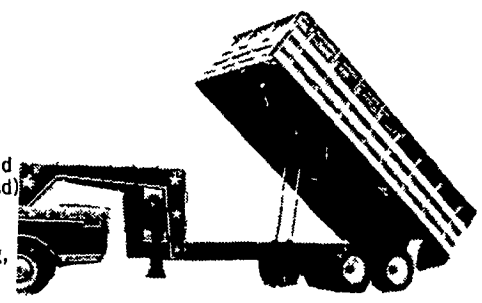

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- Lengths from 16' to 30'
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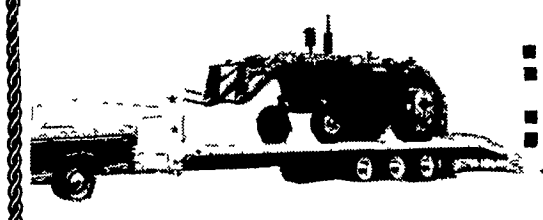

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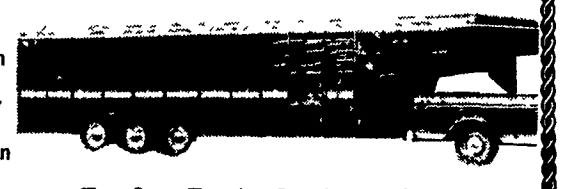

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# York Co. DHIA

(Continued from Page C32)

| | | | | | | |
|---|---|---|---|---|---|---|
| Albert Dehoff | | | | | | |
| 179 | 3 | 4-9 | 305 | 17,691 | 3 4 | 606 |
| 255 | 3 | 3-2 | 305 | 13,960 | 4 1 | 567 |
| 273 | 3 | 3-0 | 305 | 15,191 | 3 9 | 595 |
| 304 | 3 | 1-11 | 305 | 13,508 | 3 9 | 526 |
| 308 | 3 | 2-0 | 305 | 14,145 | 3 7 | 523 |
| Elwood T Krick | | | | | | |
| Sandy | 3 | 4-8 | 305 | 15,183 | 3 6 | 553 |
| The J E Baker Co | | | | | | |
| 14 | 3 | 5-2 | 288 | 16,875 | 4 0 | 673 |
| 7 | 3 | 3-3 | 305 | 17,838 | 3 7 | 661 |
| 15 | 3 | 1-11 | 305 | 16,764 | 3 4 | 578 |
| Fred Sprenkle | | | | | | |
| Stormy | 3 | 3-0 | 305 | 14,599 | 3 7 | 538 |
| Eugene M. Kilgore | | | | | | |
| Sandra | 3 | 7-11 | 305 | 17,123 | 4 1 | 698 |
| Abby | 3 | 7-0 | 305 | 15,709 | 3 3 | 524 |
| Thomas A Boyer | | | | | | |
| Andi | 3 | 5-1 | 305 | 21,598 | 3 5 | 748 |
| Tiffany | 3 | 4 7 | 305 | 19,493 | 4 3 | 847 |
| Bonita | 3 | 3-11 | 305 | 16,970 | 4 6 | 775 |
| Beauty | 3 | 4-0 | 305 | 18,397 | 4 2 | 772 |
| Earl Furhman | | | | | | |
| Steffy | 3 | 5-7 | 305 | 22,394 | 3 5 | 791 |
| Cookie | 3 | 4-9 | 305 | 18,306 | 4 1 | 753 |
| Jackie | 3 | 4-5 | 305 | 20,908 | 3 6 | 746 |
| Gina | 3 | 3-4 | 305 | 17,288 | 3 9 | 680 |
| Leader Farms | | | | | | |
| Lilly | 2 | 3-4 | 305 | 12,906 | 5 4 | 699 |
| Donette | 2 | 2-1 | 305 | 12,517 | 5 0 | 629 |
| Leslie | 2 | 2-3 | 295 | 9,814 | 5 3 | 525 |
| Furance Creek Farm | | | | | | |
| Lilly | 3 | 5-2 | 290 | 14,753 | 4 0 | 589 |
| Honey | 3 | 4-8 | 305 | 12,822 | 4 0 | 518 |
| Jenifer | 3 | 3-4 | 305 | 15,830 | 3 5 | 561 |
| Carmon | 3 | 3-1 | 279 | 13,168 | 3 9 | 513 |
| H E Fetrow & Sons | | | | | | |
| Whitie | 3 | 7-0 | 294 | 17 258 | 3 2 | 549 |
| Honey | 3 | 5-10 | 305 | 21,103 | 3 5 | 742 |
| Ruth | 3 | 5 11 | 305 | 20 759 | 3 7 | 778 |
| Jill | 3 | 4-2 | 305 | 14,551 | 4 4 | 635 |
| Dora | 3 | 3 4 | 300 | 17,045 | 3 6 | 606 |
| Ona | 3 | 2 3 | 305 | 13 592 | 4 0 | 549 |
| Stump Acres | | | | | | |
| Miscela | 3 | 7 5 | 305 | 16 642 | 3 9 | 653 |
| Ajet | 3 | 5-4 | 305 | 20,941 | 3 2 | 662 |
| Ideal | 3 | 3-0 | 305 | 12,457 | 4 5 | 557 |
| J H & M B Hushon | | | | | | |
| 30 | 3 | 6 9 | 264 | 11,328 | 4 8 | 543 |
| 90 H | 3 | 3 8 | 297 | 16,762 | 3 1 | 522 |
| Adrian Rinehart | | | | | | |
| 1 | 3 | 7-6 | 305 | 15,209 | 3 7 | 570 |
| 164 | 3 | 4-8 | 301 | 13,064 | 4.9 | 635 |
| 196 | 3 | 3-11 | 305 | 14,713 | 3 4 | 507 |
| 205 | 3 | 3-10 | 289 | 13,862 | 3 8 | 527 |
| 225 | 3 | 2-2 | 305 | 12,054 | 5 0 | 601 |
| 226 | 3 | 2-3 | 303 | 12,122 | 4 8 | 580 |
| 227 | 3 | 2-3 | 299 | 15,392 | 3 8 | 579 |
| R R & M.R Stewart | | | | | | |
| Pueblo | 3 | 6-0 | 305 | 17,156 | 3 5 | 592 |
| Smysers Richlawn Fms | | | | | | |
| Audrey | 3 | 7-8 | 305 | 29,190 | 3 4 | 992 |
| Janice | 3 | 7-3 | 284 | 14,768 | 4 1 | 600 |
| Ann | 3 | 6-2 | 305 | 20,873 | 3 6 | 756 |
| Darcy | 3 | 5-9 | 305 | 23,911 | 3 4 | 821 |
| Candy | 3 | 4-6 | 305 | 20,599 | 3 9 | 813 |
| Pauline | 3 | 4-10 | 295 | 20,201 | 3.1 | 632 |
| Sharon | 3 | 2-0 | 305 | 17,430 | 3 8 | 668 |
| Sue | 3 | 1-11 | 305 | 16,556 | 3 4 | 566 |
| Roberta | 3 | 2-1 | 305 | 14,707 | 3.5 | 508 |
| Mindy | 3 | 1-11 | 305 | 15,311 | 3 9 | 600 |
| Tracy | 3 | 2-0 | 299 | 14,229 | 3 8 | 543 |
| T Edwin Johnson | | | | | | |
| Glory | 3 | 5-7 | 305 | 23,769 | 3 6 | 852 |
| Connie | 3 | 4-5 | 305 | 19,106 | 3 8 | 732 |
| Pet | 3 | 2-7 | 304 | 12,914 | 4 0 | 515 |
| Leroy Bupp | | | | | | |
| Brett | 3 | 7-10 | 305 | 18,684 | 3 8 | 701 |
| Gloria | 3 | 6-1 | 305 | 15,391 | 3 3 | 511 |
| R Maple | 3 | 6-5 | 305 | 18,691 | 4 4 | 829 |
| Ila | 3 | 3-0 | 273 | 12,381 | 4 3 | 528 |
| Spice | 3 | 3-1 | 305 | 16,224 | 3 4 | 544 |
| 694 | 3 | 2-5 | 297 | 16,101 | 3 5 | 559 |
| Charm | 3 | 6-1 | 305 | 17,879 | 3 7 | 666 |
| Dennis L McWilliams | | | | | | |
| 47 | 3 | 6-9 | 305 | 17,699 | 4 1 | 724 |
| 408 | 3 | 4-4 | 305 | 16,273 | 3 6 | 587 |
| 235 | 3 | 5-5 | 305 | 17,326 | 3.4 | 588 |
| 341 | 3 | 4-3 | 305 | 16,748 | 3 6 | 603 |
| Palmer McWilliams Jr | | | | | | |
| 42 | 3 | 7-11 | 216 | 14,288 | 4 4 | 625 |
| 31 | 3 | 5-6 | 305 | 15,126 | 3 4 | 510 |
| 33 | 3 | 5-7 | 305 | 18,076 | 3 5 | 626 |
| 84 | 3 | 4-7 | 305 | 17,387 | 4.0 | 687 |
| Dennis J Myers | | | | | | |
| Tony | 3 | 6-5 | 305 | 14,609 | 3 9 | 568 |
| 52 | 3 | 4-7 | 305 | 16,973 | 3.5 | 602 |
| 54 | 3 | 3-10 | 305 | 18,189 | 3 3 | 602 |
| 73 | 3 | 4-4 | 305 | 15,566 | 3 3 | 521 |
| Ellen | 3 | 2-4 | 305 | 16,994 | 3.9 | 659 |
| Titus & Merle Walker | | | | | | |
| 5075 | 3 | 7-11 | 305 | 17,208 | 3 6 | 615 |
| 5174 | 3 | 7-3 | 276 | 10,481 | 4 8 | 501 |
| 6644 | 3 | 6-5 | 289 | 14,518 | 4 6 | 671 |
| 5257 | 3 | 5-3 | 305 | 15,608 | 3 8 | 589 |
| C Robert Kilgore | | | | | | |
| Ellie | 3 | 4-9 | 305 | 23,745 | 3.2 | 766 |
| Bell | 3 | 2-7 | 305 | 15,439 | 3.3 | 504 |
| Lassie | 3 | 2-8 | 285 | 15,410 | 3 5 | 533 |
| Phillip D Laughman | | | | | | |
| Tully | 3 | 6-5 | 303 | 15,082 | 3 9 | 590 |
| Lucy | 3 | 5-8 | 305 | 19,879 | 3.7 | 735 |
| Farrah | 3 | 3-2 | 305 | 20,414 | 3.4 | 704 |
| Avalong Farms Inc | | | | | | |
| Cinder | 3 | 2-10 | 305 | 19,349 | 3 4 | 661 |
| Philip R Stambaugh | | | | | | |
| Ann | 3 | 10-8 | 305 | 15,744 | 3 5 | 549 |
| Sue | 3 | 3-4 | 305 | 16,693 | 3 4 | 563 |
| Paul R King | | | | | | |
| Jinx | 3 | 8-7 | 305 | 17,757 | 4 6 | 816 |
| R Jac | 3 | 5-11 | 305 | 17,298 | 4 2 | 720 |
| Wayne B Mummert | | | | | | |
| 31 | 3 | 5-1 | 305 | 20,296 | 3.3 | 666 |
| 53 | 3 | 4-10 | 305 | 12,563 | 4 0 | 502 |
| Desota & Robt Burchett | | | | | | |
| 34 | 3 | 5-11 | 256 | 9,845 | 5 2 | 512 |

(Turn to Page C34)


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(Continued from Page C33)

| | | | | | | |
|---|---|---|---|---|---|---|
| 108 | 3 | 5 9 | 304 | 16 062 | 4 2 | 682 |
| 31 H | 3 | 2 2 | 303 | 13 811 | 3 9 | 536 |
| 56 H | 3 | 2 0 | 305 | 15 585 | 3 5 | 552 |
| 1 H | 3 | 2 5 | 296 | 13 114 | 3 9 | 518 |
| 15 H | 3 | 2 4 | 305 | 13 434 | 4 2 | 558 |
| Lynn Wolf | | | | | | |
| Jan | 3 | 9 1 | 305 | 16 525 | 3 7 | 680 |
| Barb | 3 | 8 9 | 305 | 18 870 | 4 0 | 750 |
| Ellie | 3 | 5 10 | 305 | 21 267 | 4 0 | 849 |
| Ginny | 3 | 3 10 | 305 | 18 618 | 3 6 | 664 |
| Ramsey S Cooper Jr | | | | | | |
| Clara | 8 | 5 9 | 305 | 16 172 | 3 9 | 638 |
| Robert J Reheard | | | | | | |
| Ox | 3 | 6 6 | 305 | 17 281 | 3 0 | 520 |
| Melvin R Lehr | | | | | | |
| 26 | 3 | 9 8 | 305 | 16 199 | 3 6 | 576 |
| 43 | 3 | 6 4 | 305 | 18 867 | 3 6 | 678 |
| 22 | 3 | 4 5 | 305 | 15 773 | 3 6 | 566 |
| 41 | 3 | 3 6 | 302 | 14,801 | 3 9 | 581 |
| 49 | 3 | 3 0 | 270 | 13 550 | 4 0 | 536 |
| 37 | 3 | 1 11 | 268 | 9,796 | 4 0 | 395 |
| Horace E Heindel | | | | | | |
| Noel | 3 | 9 6 | 305 | 15 007 | 4 3 | 649 |
| Tibita | 3 | 10 2 | 305 | 13 982 | 4 2 | 594 |
| 21 A | 3 | 5 4 | 305 | 20 406 | 3 0 | 611 |
| Carl Anderson | | | | | | |
| 45 | 3 | 6 11 | 305 | 14 235 | 3 7 | 530 |
| 4 | 3 | 5 10 | 305 | 16 314 | 3 7 | 610 |
| 47 | 3 | 3 10 | 305 | 16 756 | 3 2 | 539 |
| 2 | 3 | 6 2 | 305 | 16 097 | 4 3 | 685 |
| 72 | 3 | 5-8 | 305 | 14,160 | 3 9 | 552 |
| 63 | 3 | 5 0 | 286 | 15,509 | 3 5 | 538 |
| 68 | 3 | 5 2 | 305 | 16,962 | 4 1 | 689 |
| Elvin R Deiter | | | | | | |
| Levina | 3 | 7 3 | 305 | 13 877 | 3 8 | 531 |
| Oboe | 3 | 4 0 | 305 | 13 521 | 4 0 | 535 |
| Pansy | 3 | 3 5 | 305 | 15 728 | 4 2 | 657 |
| Charles H[illegible] Son | | | | | | |
| Nellie | 3 | 2 10 | 305 | 14 346 | 3 8 | 544 |
| Wayne L Sweitzer | | | | | | |
| Kelly22 | 3 | 6 3 | 305 | 16 476 | 4 0 | 654 |
| Holly | 3 | 2 2 | 305 | 12 323 | 4 2 | 515 |
| Tony | 3 | 4 0 | 305 | 14 435 | 3 7 | 530 |
| Kenneth L Rexroth | | | | | | |
| 67 | 3 | 5 9 | 305 | 18 094 | 3 6 | 654 |
| 8 A | 3 | 3 2 | 305 | 16 298 | 3 8 | 612 |
| 59 A | 3 | 3 4 | 289 | 14 675 | 3 8 | 563 |
| 36 D | 3 | 4 3 | 305 | 17,943 | 4 0 | 720 |
| 88 A | 3 | 2 1 | 305 | 13 639 | 3 9 | 538 |
| 6 A | 3 | 4 9 | 305 | 16 326 | 3 6 | 581 |
| Donald Wilson | | | | | | |
| Dolly | 3 | 6 3 | 305 | 13 214 | 4 5 | 599 |
| Rick L Cook | | | | | | |
| Fay | 3 | 6 11 | 305 | 17 200 | 3 5 | 610 |
| Robin | 3 | 5 11 | 293 | 15 896 | 3 6 | 567 |
| Flo | 3 | 4 7 | 305 | 15 335 | 4 3 | 659 |
| Becky | 3 | 4 1 | 283 | 14,906 | 4 1 | 607 |
| Violet | 3 | 4 0 | 305 | 18 544 | 3 3 | 609 |
| J Donnell Taylor | | | | | | |
| Arlene | 3 | 6 0 | 305 | 22,542 | 2 9 | 664 |
| Kathy | 3 | 3 6 | 305 | 14,660 | 3 9 | 579 |
| Dandy | 3 | 3 8 | 285 | 14,451 | 3 8 | 552 |
| Jix | 3 | 2-11 | 305 | 14,747 | 3 7 | 547 |
| Bupplynn Farms Farm 2 | | | | | | |
| 48 | 3 | 3 6 | 305 | 17,383 | 4 1 | 718 |
| 50 | 3 | 0 0 | 305 | 14,853 | 4 0 | 592 |
| 49 | 3 | 0 0 | 305 | 15,332 | 3 6 | 554 |
| 66 | 3 | 2 0 | 305 | 13,526 | 4 1 | 555 |
| 63 | 3 | 2 0 | 300 | 17 171 | 3 2 | 554 |
| Elvin G Molison | | | | | | |
| 60 | 3 | 5 3 | 305 | 15 928 | 3 9 | 614 |
| 96 | 3 | 4 7 | 305 | 17 675 | 4 2 | 734 |
| 58 | 3 | 4 2 | 283 | 15 231 | 4 0 | 607 |
| 15 | 3 | 3 6 | 304 | 19 796 | 3 8 | 745 |
| 48 | 3 | 3 3 | 305 | 16 515 | 4 0 | 653 |
| 53 | 3 | 3 5 | 305 | 17,567 | 3 5 | 616 |
| 114 | 3 | 2 6 | 305 | 14 131 | 4 2 | 598 |
| Daryl L Bair | | | | | | |
| Pet | 3 | 3 2 | 289 | 14 793 | 3 4 | 509 |
| Sherene | 3 | 5 10 | 296 | 22 264 | 3 0 | 677 |
| Lois | 3 | 1 0 | 305 | 18 773 | 3 2 | 607 |
| Zelia | 3 | 2 5 | 305 | 15 520 | 3 5 | 546 |
| Smokey Hollow Farm | | | | | | |
| Bsock | 3 | 5 10 | 305 | 19 631 | 3 4 | 675 |
| 54 | 3 | 3 11 | 305 | 14,547 | 4 6 | 667 |
| 106 | 3 | 2 2 | 305 | 13,919 | 4 2 | 589 |
| 100 | 3 | 2 1 | 305 | 15 946 | 4 2 | 665 |
| Honeycrest Fm | | | | | | |
| Lilly | 2 | 7 10 | 263 | 11,961 | 4 4 | 523 |
| Jamie | 2 | 4 4 | 305 | 13 868 | 4 3 | 594 |
| Sunny | 2 | 3 10 | 305 | 13 737 | 4 3 | 596 |
| Taffy | 2 | 2 11 | 305 | 11 532 | 4 7 | 539 |
| Mervin W Hertzler | | | | | | |
| Calliop | 2 | 6 5 | 263 | 14,168 | 4 7 | 661 |
| Polly | 2 | 7-10 | 305 | 11,792 | 5 4 | 638 |
| Ollie | 2 | 5 4 | 256 | 9 796 | 5 4 | 531 |
| Carolin | 2 | 2 2 | 305 | 12,661 | 4 5 | 576 |
| B Robert Charles | | | | | | |
| Heidi | 3 | 9 0 | 289 | 15 595 | 3 8 | 593 |
| Gail | 3 | 10 10 | 266 | 15 449 | 3 4 | 526 |
| Adela | 3 | 5 5 | 265 | 16 769 | 3 6 | 603 |
| Bertha | 3 | 4 8 | 305 | 16 186 | 3 8 | 621 |
| Dearie | 3 | 3 1 | 305 | 18 289 | 3 4 | 619 |
| R & M Farms | | | | | | |
| 42 M | 3 | 3 9 | 305 | 13 123 | 4 2 | 552 |
| Laverne & Judith Hess | | | | | | |
| 28 | 3 | 6 10 | 305 | 14 452 | 3 6 | 527 |
| 35 | 3 | 8 11 | 305 | 13 591 | 3 7 | 503 |

(Turn to Page C35)


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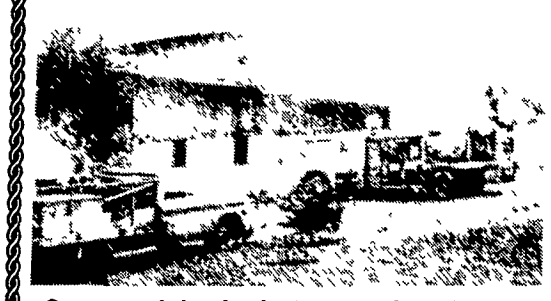

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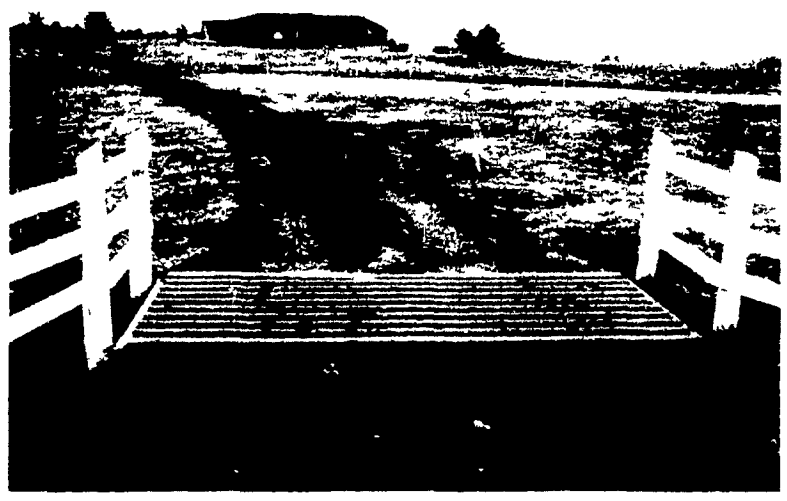

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(Continued from Page C34)

| | | | | | | |
|---|---|---|---|---|---|---|
| Edwin L Calhoun | | | | | | |
| 38 | 3 | 4-7 | 305 | 16,324 | 3 2 | 530 |
| Robert W Mays | | | | | | |
| 61 | 3 | 4-11 | 305 | 13,020 | 4 0 | 526 |
| 32 | 3 | 3-3 | 305 | 14,286 | 3 6 | 511 |
| 35 | 3 | 3-4 | 305 | 21,349 | 3 2 | 690 |
| 69 | 3 | 2-7 | 305 | 14,224 | 4 2 | 593 |
| David L & Chris Druck | | | | | | |
| 25 | 3 | 3-10 | 273 | 15,572 | 4 0 | 629 |
| 38 | 3 | 4-9 | 298 | 15,516 | 3 5 | 543 |
| 82 | 3 | 3-10 | 261 | 12 614 | 4 6 | 580 |
| Albert Neufeld | | | | | | |
| 83 | 3 | 3-9 | 305 | 16,594 | 3 7 | 607 |
| 71 | 3 | 5 8 | 305 | 12,299 | 4 4 | 541 |
| 82 | 3 | 4-8 | 305 | 14 256 | 3 9 | 563 |
| Robt Baumgardner Jr | | | | | | |
| Favorit | 3 | 4-9 | 305 | 16,253 | 3 3 | 539 |
| Gerry | 3 | 3-1 | 300 | 12,510 | 4 2 | 524 |
| 18 | 3 | 5-9 | 305 | 11,423 | 4 6 | 528 |
| Jasmin | 3 | 1-11 | 305 | 12 367 | 4 1 | 506 |
| Charles Hess | | | | | | |
| 104 | 3 | 4-0 | 305 | 14,123 | 3 7 | 517 |
| 90 | 3 | 3-9 | 305 | 11,952 | 4 2 | 506 |
| 106 | 3 | 3-11 | 305 | 13,212 | 4 1 | 542 |
| Walkers Farm | | | | | | |
| 424 | 3 | 5-9 | 305 | 18,169 | 4 1 | 751 |
| 415 | 3 | 5-10 | 280 | 15,500 | 3 4 | 524 |
| 408 | 3 | 5 10 | 282 | 16,912 | 3 0 | 511 |
| 229 | 3 | 2-1 | 305 | 13,518 | 4 0 | 536 |
| 218 | 3 | 2 1 | 300 | 15,533 | 3 5 | 545 |
| Leland Stanford | | | | | | |
| 2 | 3 | 4 9 | 305 | 13,534 | 3 7 | 501 |
| 53 | 3 | 3-11 | 293 | 13,647 | 3 8 | 517 |
| 58 | 3 | 3-7 | 305 | 16,241 | 4 0 | 656 |
| 136 | 3 | 9-11 | 305 | 17,842 | 3 8 | 678 |
| Perrydell Farms | | | | | | |
| 8 | 3 | 3-9 | 305 | 15,412 | 3 7 | 576 |
| 47 | 3 | 2 8 | 305 | 14,453 | 3 9 | 570 |
| 61 | 3 | 3 9 | 305 | 18,579 | 3 2 | 588 |
| 66 | 3 | 8 9 | 305 | 17,183 | 3 7 | 633 |
| 137 | 3 | 4 9 | 294 | 18 271 | 4 7 | 851 |
| 142 | 3 | 2 8 | 305 | 16 977 | 3 5 | 602 |
| 164 | 3 | 2 9 | 305 | 17,887 | 3 0 | 542 |
| 165 | 3 | 6 9 | 305 | 17,424 | 3 9 | 680 |
| 168 | 3 | 0 0 | 207 | 15,530 | 3 5 | 550 |
| Robert Buser | | | | | | |
| 11 | 3 | 3 0 | 305 | 16,743 | 3 7 | 627 |
| 2 | 3 | 3 1 | 305 | 13,042 | 4 1 | 534 |
| 9 | 3 | 4 3 | 305 | 16,857 | 3 5 | 587 |
| 84 | 3 | 6 9 | 305 | 17,700 | 3 8 | 680 |
| 1 | 3 | 3 3 | 305 | 18,725 | 3 5 | 651 |
| 16 | 3 | 5 9 | 305 | 20,971 | 3 7 | 777 |
| 70 | 3 | 3 9 | 305 | 17,852 | 3 4 | 610 |
| 10 | 3 | 2 1 | 305 | 16 043 | 3 7 | 595 |
| David Stewart | | | | | | |
| Beth 53 | 3 | 4 5 | 305 | 17,239 | 3 6 | 612 |
| Carln5 | 3 | 4 8 | 305 | 16 963 | 3 7 | 620 |
| Flee | 3 | 2-9 | 305 | 15,512 | 3 8 | 591 |
| Sibyl | 3 | 2 8 | 305 | 16 760 | 4 1 | 695 |
| Fawn Meadow Holstein | | | | | | |
| 48 | 3 | 5 1 | 287 | 15,632 | 3 7 | 571 |
| 14 | 3 | 4 1 | 297 | 17,428 | 3 4 | 592 |
| 108 | 3 | 3 0 | 303 | 15,010 | 3 6 | 547 |
| 111 | 3 | 3 0 | 277 | 13,689 | 3 8 | 521 |
| 132 | 3 | 2 0 | 303 | 17 170 | 3 8 | 646 |
| My T Farms | | | | | | |
| 10 | 3 | 4 9 | 305 | 16,298 | 3 8 | 614 |
| Double D Farm | | | | | | |
| D 45 | 3 | 6-11 | 284 | 15,612 | 3 6 | 559 |
| Y-12 | 3 | 4-11 | 269 | 15,897 | 3 7 | 587 |
| Dale Clymer | | | | | | |
| August | 3 | 4-6 | 269 | 13,687 | 4 0 | 553 |
| Kachel | 3 | 2-2 | 305 | 11,075 | 4 5 | 502 |
| Tex | 3 | 2-9 | 305 | 16,576 | 4 8 | 792 |
| McRal Dairy Farm | | | | | | |
| Bess | 3 | 11-11 | 295 | 15,594 | 3 6 | 556 |
| 326 | 3 | 7-6 | 305 | 16,385 | 3 4 | 549 |
| 412 | 3 | 4-9 | 305 | 19,631 | 3 2 | 625 |
| 456 | 3 | 3 6 | 305 | 22,414 | 2 9 | 655 |
| 459 | 3 | 3 6 | 305 | 19,857 | 3 5 | 701 |
| 466 | 3 | 3-4 | 305 | 16,984 | 3 1 | 524 |
| 467 | 3 | 3 1 | 305 | 16,384 | 3 4 | 560 |
| 476 | 3 | 2 10 | 305 | 17,155 | 4 0 | 685 |
| 488 | 3 | 3-0 | 305 | 18,996 | 3 6 | 677 |
| 137 | 3 | 1 8 | 305 | 14,123 | 3 6 | 503 |
| 138 | 3 | 1-11 | 305 | 16,400 | 3 2 | 532 |
| William Ruppert | | | | | | |
| Minnie | 3 | 8-3 | 294 | 17,948 | 3 5 | 636 |
| Eisenhart Bros | | | | | | |
| 239 | 3 | 4-10 | 305 | 14,903 | 3 5 | 515 |
| 259 | 3 | 3-6 | 294 | 14,741 | 4 0 | 593 |

# Fusarium blight thrives in continuous no-till beans

NEWARK, Del. — There are many good reasons for growing no-till soybeans, but growing them continuously for too many years on the same soil may increase the incidence of Fusarium blight disease, according to Delaware Agricultural Experiment Station plant pathologist Robert Carroll. Carroll has been growing no-till soybeans at the University's Georgetown Substation for several years.

Carroll's plots feature Essex and Williams soybeans grown under both no-till and conventional tillage after wheat and barley. Visitors to the University's Farm and Home Field Day can see for themselves that the incidence of Fusarium blight is higher on the continuous no-till plots.

Carroll considers Fusarium blight to be the main disease threat to soybeans in the Mid-Atlantic region right now. In heavily infested areas, losses may run as high as 20 to 25 percent, although losses of 5 to 10 percent are more typical. The disease easily represents a loss of two or three bushels per acre.

The best way to control a pathogen like Fusarium is to plant resistant varieties, Carroll says. Farmers can find out which varities are doing best by taking note of the soybean variety trials that will also be featured at Farm and Home Field Day.

Field day will take place on Wednesday, August 12, at the University of Delaware's Georgetown Substation. Hours are from 9:30 a.m. until 3:30 p.m.


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| Redcoat | Good | Med Tall | Excellent |
| Logan | Better | Med Tall | Good |
| Pennal | Fair | Tall | Good |
| Roland | New | V Short | Excellent |
| Potomac | Good | Short | Good |

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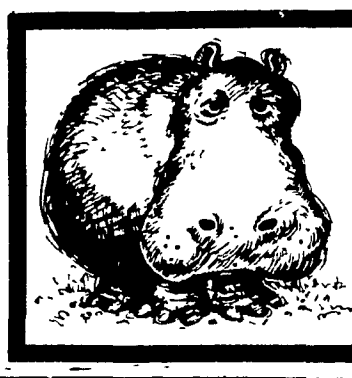
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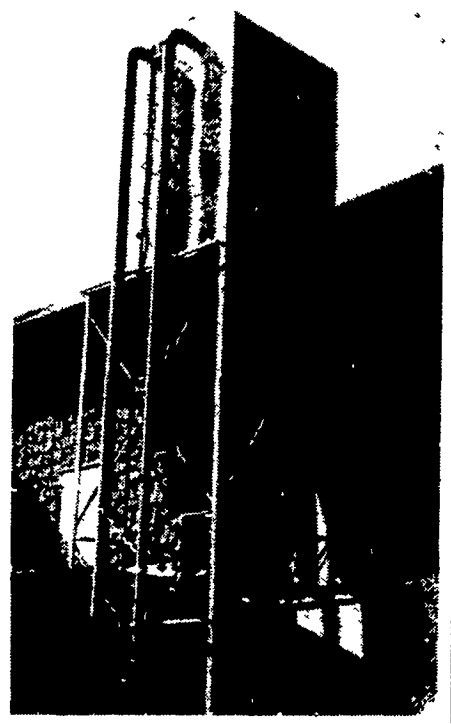
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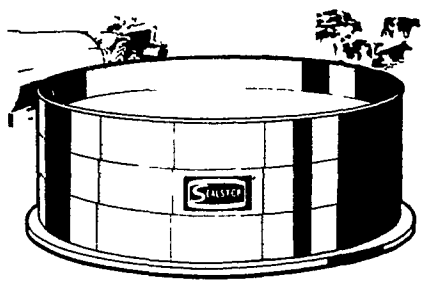
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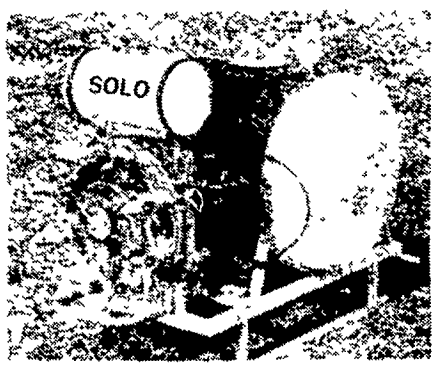

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# Here's how the Hesston 6-knife cylinder with Flo-Vanes gives you more forage on less fuel.

## 6 knives are enough!

Do more knives cut more forage? No! Too many knives can actually **reduce** capacity, by forming a near solid "wall of steel" that restricts crop flow.

With Hesston's 6-knife design, there's room between knives to get more crop in. In fact, to match Hesston's capacity most other harvesters have to have knives removed.

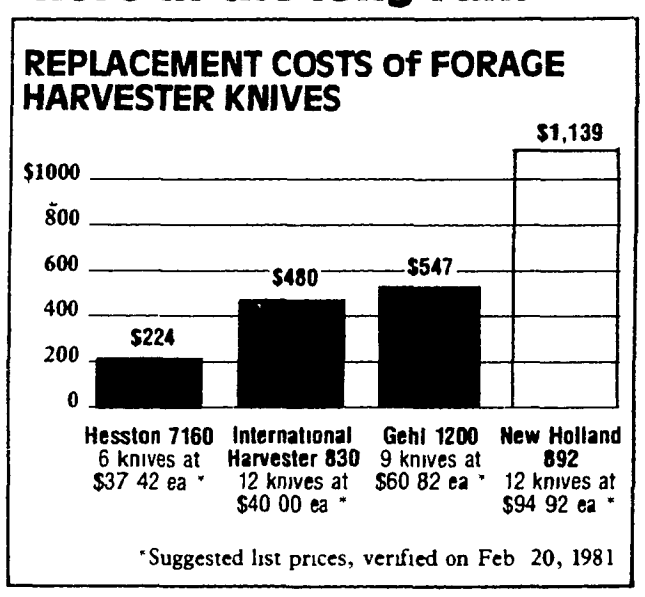
Hesston helical knives slice with "scissor-action" across the shearbar. This produces a smooth, uniform cut requiring less horsepower and less fuel than straight knives.

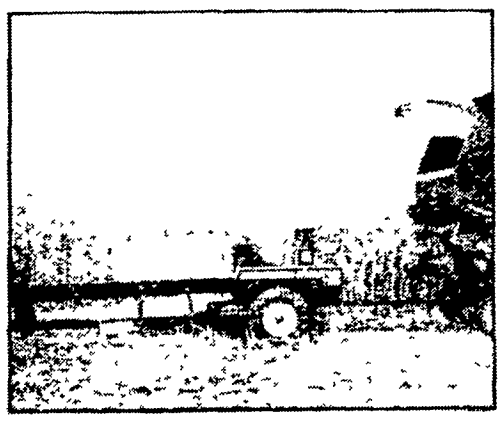
Fewer knives mean less upkeep (see chart) and less time spent sharpening.

Hesston capacity is increased even more with exclusive **Flo-Vanes.** In field tests, Flo-Vanes have increased capacity up to 20%*.

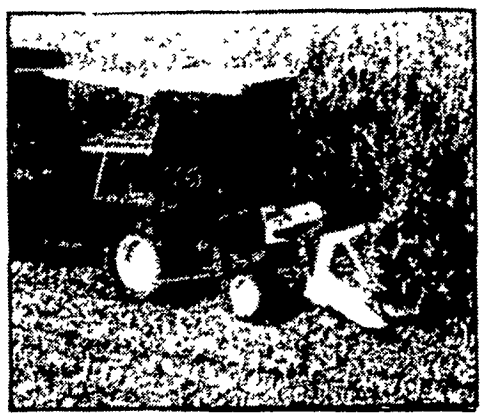
So, there's the Hesston secret for high capacity harvesting and fuel economy...6 "scissor-action" knives plus Flo-Vanes. More isn't always better!

## More knives cost you more in the long run!

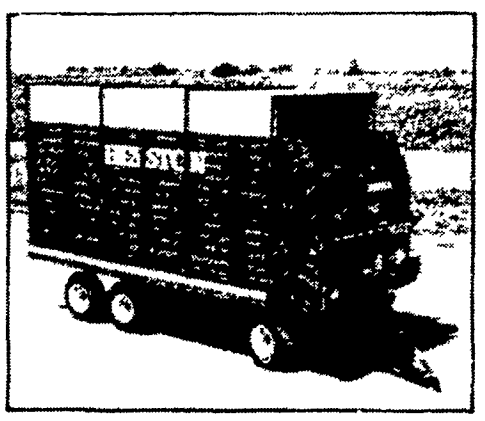


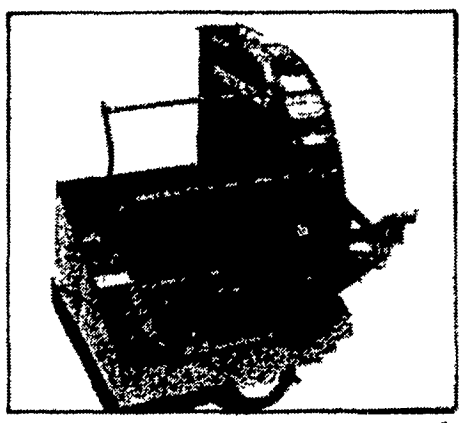
**7100-Series Pull-Types. Three models** for tractors up to 115, 150 or 225 PTO hp



**Hesston/Field Queen Self-Propelleds. Three models** give giant capacity (diesel engines up to 257 hp) and widest selection of crop headers in the industry



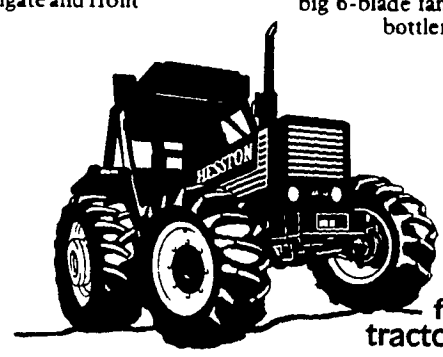
**Hesston Forage Boxes. Two sizes** offer 14- and 16-ft floors with standard rear tailgate and front auger unloading



**Hesston Forage Blowers. Two sizes,** big 6-blade fans help eliminate bottlenecks at the silo

* Tests at 7/16" cut length in corn without recutter screens

HESSTON The PRIME LINE

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# dhia Pennsylvania Dairy Herd Improvement Association — Mifflin Co. DHIA Report

**June 1981**
Herds 1 35 Lbs Fat & Over

| NAME | BRD | NO. COWS | % COW DAYS IN MILK | LBS. MILK | LBS. FAT |
|---|---|---|---|---|---|
| John Y Bawel | H | 16 0 | 100 0 | 55 6 | 2 20 |
| John A Peachey | H | 54 1 | 94 2 | 60 5 | 2 06 |
| Leroy Kauffman | H | 54 2 | 92.4 | 52 3 | 2 05 |
| Fred C Myers | H | 23 0 | 90 1 | 50 8 | 2 05 |
| E Clair Fisher | H | 42 7 | 96.2 | 57 5 | 2 05 |
| James L Hostetter | H | 42 1 | 94 0 | 50 4 | 2 01 |
| Dry House Farm | H | 90 6 | 95 5 | 55 7 | 1 99 |
| Robert Stayrook | H | 24 0 | 95 5 | 52 4 | 1 98 |
| David W Yoder | H | 64 1 | 92 2 | 56 4 | 1 97 |
| Percy S Yoder | H | 74 8 | 94 7 | 54 8 | 1 96 |
| Joseph T Hartzler | H | 40 1 | 91.7 | 47 3 | 1 96 |
| J Loren Yoder | H | 27 3 | 95 7 | 49 3 | 1 96 |
| Dale Gearhart | | 40 0 | 108 3 | | |
| David R Spicher | H | 66 6 | 94 5 | 52 9 | 1 94 |
| Floyd J Yoder | H | 29 0 | 84 5 | 52 5 | 1.94 |
| Julia A King | H | 41 9 | 90.5 | 50 4 | 1 93 |
| Mark S Yoder | H | 75 9 | 93.7 | 48 8 | 1 91 |
| Floyd J Yoder | H | 29 0 | 92.0 | 53 3 | 1 90 |
| Louis S Peachey, Jr | H | 54 6 | 86 1 | 49 5 | 1 89 |
| Kore J Peachey | H | 52 3 | 90.9 | 50 4 | 1 88 |
| J D Glick | H | 38 3 | 89.9 | 50 1 | 1 87 |
| James H Allison | H | 39 0 | 86.6 | 53 2 | 1 85 |
| Gary Moist | H | 51 0 | 88.9 | 53 0 | 1 83 |
| Charles L Forgy | H | 42 0 | 94 2 | 47 3 | 1 80 |
| David T Hostetler | H | 36 7 | 94.8 | 47 2 | 1 79 |
| Mark R Yoder | H | 142 6 | 89 9 | 46 0 | 1 77 |
| Ezra B Kanagy | H | 26 6 | 98.7 | 50 4 | 1 77 |
| Irvin H Fleming | H | 98 3 | 92.6 | 48 4 | 1 75 |
| Sylvanus S Peachey | H | 82 5 | 88 3 | 46 7 | 1 75 |
| John L King | H | 39 0 | 94 2 | 44 0 | 1 73 |
| Marvin R Kanagy | H | 42 0 | 82 0 | 47 7 | 1 73 |
| John B Peachey | H | 69 1 | 92 0 | 51 7 | 1 72 |
| Nelson J Bradford | H | 55 3 | 91.3 | 45 3 | 1 71 |
| John K Kauffman | H | 76 5 | 89 4 | 48 6 | 1 70 |
| Marvin E Peachey | H | 53 0 | 87 1 | 45 5 | 1 70 |
| Harold Aungst | H | 115 8 | 85 0 | 44 5 | 1 69 |
| Louis S Yoder | H | 45 0 | 85 3 | 46 1 | 1 68 |
| John M Byler, Jr | H | 37 5 | 91.6 | 47 4 | 1 67 |
| G Sheldon Peachey | H | 40 9 | 81 5 | 51 2 | 1 67 |
| Roger Parkes | H | 62 1 | 92 2 | 46 7 | 1 64 |
| Kenneth J Loht | H | 37 6 | 90 2 | 44 3 | 1 63 |
| James G Laughlin | H | 41 3 | 83 1 | 42 7 | 1 63 |
| Merle E Yoder | H | 36 0 | 83 0 | 44 0 | 1 62 |
| L Marlin Yoder | H | 51 5 | 81 2 | 44 9 | 1 61 |
| James O Reed | H | 31 0 | 93 3 | 45 0 | 1 60 |
| Simon J Peachey | H | 60 0 | 93 6 | 41 4 | 1 59 |
| Hollo-Home | H | 69 7 | 93 3 | 42 1 | 1 59 |
| Jesse L Spicher | H | 36 6 | 91 2 | 39 9 | 1 59 |
| Paul H Yoder | H | 54 7 | 86 8 | 43 6 | 1 58 |
| Ralph E Eckley | | 39 3 | 104 9 | | |
| Audrey Gay Rogers | H | 24 7 | 100 1 | 44 3 | 1 57 |
| Bill & Carol Wingert | H | 43 0 | 84 7 | 47 1 | 1 57 |
| Joshua D Yoder | H | 53 0 | 86 0 | 43 0 | 1 56 |
| Vernon L Kauffman | H | 40 4 | 83 1 | 44 5 | 1 56 |
| John T Kurtz | H | 46 1 | 93 7 | 47 3 | 1 55 |
| John M Byler, Jr | H | 39 0 | 87 7 | 44 3 | 1 55 |
| Willard J Peachey | H | 55 4 | 83 8 | 40 5 | 1 53 |
| William S Kenepp | H | 51 4 | 84 8 | 41 5 | 1 53 |
| James A Spangler | H | 33 5 | 84 6 | 41.9 | 1 52 |
| J Elrose Glick | H | 34 4 | 94 3 | 41 0 | 1 52 |
| Jesse S Yoder | H | 45 3 | 90 4 | 40 8 | 1 52 |
| Nelson J Bradford | H | 56 3 | 86 2 | 41 4 | 1 52 |
| Delmar King | H | 34 7 | 74 9 | 43 2 | 1 52 |
| R M & Wm R Ammon | H | 79 9 | 85 6 | 42 5 | 1 50 |
| John A Yoder | H | 39 1 | 82 3 | 41 7 | 1 50 |
| Moses J Zook | H | 40 3 | 81 1 | 38 4 | 1 47 |
| Galen M Kenepp | H | 47 0 | 92 8 | 43 3 | 1 47 |
| Joseph E Kurtz | H | 46 9 | 86 8 | 41 2 | 1 47 |
| David L Mitchell | H | 94 1 | 81 1 | 41 5 | 1 45 |
| Linus E Sharp | H | 85 0 | 77 6 | 40 3 | 1 44 |
| Chester M Peachey | H | 43 5 | 92 1 | 39 3 | 1 44 |
| Joseph Byler | H | 69 3 | 83 8 | 41 3 | 1 43 |
| L J Dunmire Sons | H | 90 3 | 86 6 | 40 8 | 1 43 |
| A Herbert King | H | 45 2 | 95 8 | 42 3 | 1 43 |
| David Peachey | H | 66 9 | 82 7 | 40.7 | 1 42 |
| Leon K Donahey | H | 58 4 | 80 5 | 39 1 | 1 39 |
| Stephen Zook, Jr | H | 62 2 | 76 0 | 39 5 | 1 38 |
| Marlin W Peachey | H | 30 1 | 93 0 | 34 0 | 1 38 |
| Enos J Yoder | H | 71 4 | 82 0 | 38 4 | 1 37 |

High Cows and Heifers 600 lbs & Over

| OWNER NAME OR NO. | BREED | AGE | LBS. MILK | LBS. FAT |
|---|---|---|---|---|
| Merle E Yoder | | | | |
| Joy | H | 4 10 | 18,016 | 627 |
| Irvin H Fleming | | | | |
| Ivalou | H | 3-3 | 16,227 | 631 |
| James A Spangler | | | | |
| Doris | H | 4 6 | 17,117 | 711 |
| J Elrose Glick | | | | |
| Luci | H | 0 0 | 17,113 | 674 |
| Buff | H | 2 10 | 15,149 | 604 |
| Moses J Zook | | | | |
| Alice | H | 5 6 | 16,640 | 632 |
| Sylvanus S Peachey | | | | |
| Marla | H | 3 8 | 15,631 | 643 |
| Flit | H | 4-2 | 17,195 | 627 |
| Belmont | H | 3 7 | 18,761 | 679 |
| Vasse | H | 4 3 | 18,739 | 677 |
| Mark R Yoder | | | | |
| Casey | H | 9 9 | 15,321 | 673 |
| Maryann | H | 5-9 | 18,930 | 672 |
| Sara | H | 5 2 | 17 504 | 631 |
| Mona | H | 5 1 | 20,725 | 684 |
| June | H | 4 11 | 15,559 | 676 |
| Edith | H | 5-4 | 16,876 | 667 |
| Etta | H | 4 9 | 13,914 | 620 |
| Cocoa | H | 3 5 | 17,608 | 714 |
| Flosie | H | 3-7 | 17,497 | 713 |
| Sue | H | 2 2 | 18,650 | 647 |
| Bertha | H | 2-1 | 15,699 | 628 |
| Percy S Yoder | | | | |
| Ive | H | 4-5 | 22,513 | 811 |
| Joyce | H | 4-6 | 19,503 | 825 |
| Pammy | H | 3-4 | 19,255 | 653 |
| Harold Aungst | | | | |
| 251 | H | 8-6 | 18,027 | 672 |
| 312 | H | 4-11 | 15,263 | 655 |
| 381 | H | 6-11 | 15,522 | 689 |
| Leon K Donahey | | | | |
| Prudenc | H | 7-3 | 20,664 | 818 |
| Glo | H | 4-3 | 16,420 | 611 |
| Kore J Peachey | | | | |
| Ruth | H | 9-2 | 21,757 | 792 |
| Lois | H | 4-4 | 22,436 | 735 |
| Melva | H | 4-6 | 18,300 | 702 |
| Tulip | H | 2-7 | 12,544 | 654 |
| Joseph Byler | | | | |
| 106 | H | 3-8 | 14,163 | 655 |
| James O Reed | | | | |
| Ida | H | 5-7 | 17,330 | 721 |
| Kenneth J Loht | | | | |
| Beth | H | 8-10 | 16,487 | 631 |
| Jesse S Yoder | | | | |
| Ella | H | 4-5 | 15,503 | 634 |
| Eloise | H | 4-0 | 18,916 | 671 |
| Leroy Kauffman | | | | |
| Betty | H | 5-7 | 22,994 | 818 |
| Nelson J Bradford | | | | |
| Jane | H | 10-0 | 15,465 | 653 |
| Spreckl | H | 9-8 | 16,000 | 634 |
| Julie | H | 6-0 | 17,097 | 613 |
| Annie | H | 5 11 | 12,790 | 618 |
| Peggy | H | 5-1 | 18,783 | 686 |
| Missie | H | 2-8 | 14,940 | 622 |
| David R Spicher | | | | |
| Jenny | H | 8-11 | 19,913 | 813 |
| Dawn | H | 5-6 | 22,941 | 774 |
| David L Mitchell | | | | |
| Janet | H | 4-2 | 16,046 | 607 |
| Stephen Zook, Jr | | | | |
| June | H | 7-1 | 19,730 | 630 |
| Judy | H | 5-0 | 19,637 | 629 |
| John L King | | | | |
| Edith | H | 3 6 | 18,134 | 751 |
| Pat | H | 3-6 | 17,704 | 722 |
| R M & Wm. R Ammon | | | | |
| Gen | H | 12-9 | 16,985 | 672 |
| Agnus | H | 8-0 | 19,027 | 733 |
| Hanna | H | 3-5 | 17,475 | 611 |
| Laura | H | 2-3 | 15,019 | 617 |
| Julia A King | | | | |
| Melinda | H | 4 7 | 15,759 | 740 |
| John A Pechey | | | | |
| Queen | H | 6-1 | 22,768 | 822 |
| Mae | H | 2-2 | 15,503 | 635 |
| Joshua D Yoder | | | | |
| Lana | H | 5-2 | 16,875 | 663 |
| Ribbon | H | 3 3 | 15,685 | 655 |
| Louis S Yoder | | | | |
| Mim | H | 7 3 | 14,819 | 640 |
| Star | H | 4 9 | 16,385 | 711 |
| L J Dunmire Sons | | | | |
| 303 | H | 9 0 | 14,295 | 622 |
| 318 | H | 8 5 | 16,993 | 621 |
| 362 | H | 6 9 | 16,891 | 644 |
| 372 | H | 6 3 | 17,546 | 621 |
| 382 | H | 5 7 | 16,500 | 625 |
| 398 | H | 5 0 | 16,098 | 662 |
| 412 | H | 4 10 | 16,370 | 654 |
| 413 | H | 3 9 | 14,204 | 691 |
| 456 | H | 2 6 | 16,316 | 619 |
| John K Kauffman | | | | |
| Queen | H | 4 11 | 17,014 | 611 |
| Linus E Sharp | | | | |
| 100 | H | 4 8 | 16,244 | 609 |
| Enos J Yoder | | | | |
| Florinc | H | 7 9 | 18,170 | 691 |
| Lily | H | 4 11 | 19,554 | 751 |
| James L Hostetter | | | | |
| Della | H | 6-7 | 16,106 | 601 |
| Mimi | H | 4 9 | 16,575 | 650 |
| Roxy | H | 4 1 | 20,093 | 802 |
| Anna | H | 4 6 | 15,606 | 714 |
| Marilyn | H | 4 2 | 16,920 | 629 |
| Prilly | H | 2-0 | 16,741 | 613 |
| U-Lily | H | 2-1 | 15,317 | 655 |
| Galen M Kenepp | | | | |
| Goldie | H | 3 8 | 18,520 | 609 |
| Mark S Yoder | | | | |
| 454 | H | 3 0 | 18,124 | 793 |
| 462 | H | 2 11 | 17,894 | 803 |
| Kore E Yoder | | | | |
| Posey | H | 3 11 | 15,587 | 624 |
| Pride | H | 2-8 | 14,805 | 615 |
| Simon J Peachey | | | | |
| 30 | H | 7-9 | 17,147 | 717 |
| 40 | H | 6 7 | 19,378 | 756 |
| John B Peachey | | | | |
| 136 | H | 2-7 | 16,769 | 693 |
| E Clair Fisher | | | | |
| Texia | H | 6 4 | 19,200 | 752 |
| Zilda | H | 3 2 | 19,266 | 835 |
| Gary Moist | | | | |
| Nellie | H | 3 2 | 15,637 | 619 |
| Louis S Peachey, Jr | | | | |
| 61 | H | 4 9 | 16,940 | 633 |
| 73 | H | 3 6 | 16,750 | 619 |
| Ezra B Kanagy | | | | |
| Betty | H | 3 10 | 17,580 | 630 |
| Daniel P Zook | | | | |
| 15 | H | 6 1 | 21,988 | 714 |
| Dry House Farm | | | | |
| 404 | H | 2 2 | 13,026 | 601 |
| 407 | H | 2 1 | 16,030 | 626 |
| John A Yoder | | | | |
| Pet | H | 9 10 | 20,644 | 747 |
| Lucy | H | 6 8 | 14,702 | 607 |
| Wanda | H | 5 5 | 23,961 | 832 |
| Faith | H | 4 7 | 17,361 | 636 |
| Charles L Forgy | | | | |
| 47 | H | 7 11 | 20,475 | 730 |
| 38 | H | 4 10 | 20,638 | 788 |
| 45 | H | 4 6 | 19,120 | 672 |
| 52 | H | 2 11 | 17,945 | 733 |
| 54 | H | 3 0 | 18,621 | 659 |

(Turn to Page C38)

# Mifflin Co. DHIA

(Continued from Page C37)

| | | | | |
|---|---|---|---|---|
| David W Yoder | | | | |
| 65 | H | 5 4 | 18,102 | 618 |
| Paul H Yoder | | | | |
| 753 | H | 5 9 | 15,596 | 619 |
| Cindy | H | 5 1 | 21,937 | 736 |
| Janey | H | 4 1 | 17,811 | 632 |
| Kitty | H | 3-6 | 17,726 | 634 |
| 749 | H | 3 7 | 14,724 | 636 |
| John M Byler, Jr | | | | |
| 3 | H | 7 0 | 18,094 | 813 |
| 80 | H | 7 0 | 17,028 | 704 |
| Princes | H | 4-0 | 18,990 | 637 |
| J D Glick | | | | |
| Tilly | H | 3 0 | 16,265 | 648 |
| Joseph T Hartzler | | | | |
| Sonja | H | 9 5 | 17,723 | 718 |
| Julie | H | 11 6 | 16,510 | 727 |
| Skylark | H | 5 9 | 19,931 | 779 |
| Honey | H | 5 11 | 15,986 | 713 |
| Elva | H | 4 9 | 20,373 | 777 |
| Marvin R Kanagy | | | | |
| Grace | H | 5 5 | 15,694 | 602 |
| Mable | H | 5 1 | 21,508 | 771 |
| Jacob C Speicher | | | | |
| Gay | H | 4 9 | 21,771 | 749 |
| Dean | H | 4 11 | 13,796 | 610 |
| 539 | H | 2-11 | 18,792 | 684 |
| G Sheldon Peachey | | | | |
| Jane | H | 4 9 | 19,723 | 812 |
| Inka | H | 0 0 | 15,128 | 657 |
| Amy | H | 3 4 | 22,059 | 630 |
| Freda | H | 3 5 | 18,981 | 626 |
| Katie | H | 4 6 | 18,473 | 625 |
| Joseph E Krutz | | | | |
| Darlene | H | 5 5 | 16,146 | 620 |
| David T Hostetler | | | | |
| 30 | H | 2 10 | 18,631 | 657 |
| 6 | H | 7 6 | 19 055 | 778 |
| David Peachey | | | | |
| Charm | H | 6-11 | 15,917 | 675 |
| James G Laughlin | | | | |
| Flora11 | H | 5 4 | 19,292 | 686 |
| Kathy 1 | H | 10 3 | 14,808 | 748 |
| Rose 3 | H | 5 6 | 15,990 | 648 |
| Bill & Carol Wingert | | | | |
| Shami | H | 3 1 | 19,233 | 792 |
| Marvin E Peachey | | | | |
| Kendra | H | 6 1 | 15,194 | 628 |
| Lisa | H | 3 3 | 17,123 | 659 |

# Breeders plan Ayrshire field day

ELVERSON — The Pennsylvania Ayrshire Breeders Association will host an Ayrshire Field Day at the Conebella Ayrshire Farm on Saturday August 15, beginning at 10 a.m.

Visitors will tour the Charles Gable farm which features remodeled housing facilities and an award-winning herd.

The Conebella herd has collected 23 Constructive Breeder Awards, developed 28 Approved Dams and 36 cows that produced 100,000 lbs. milk.

Everyone can test their skill in the judging contests and compete for prizes. Visitors will also get a chance to evaluate cow families. A milk-tasting contest is planned and participants will sample milk from the five major dairy breeds.

Lunch will be provided by Conebella Farm.

National President Earl Keeter, Millersburg, and Executive Secretary J. Douglas Dodds, Brandon, Vt., will be among the guests.

To get to the Field Day from the Pa. Turnpike, take exit 22 (Morgantown) and follow Route 23 east for 2.3 miles to Route 401. Turn right on Route 401 and follow for .7 miles to Route 82. Follow for 1.1 miles and take first road right, go under a railroad bridge and take the first lane right.

Visitors can also reach the farm from Route 322. Follow Route 322 into Honey Brook and turn north at a Turkey Hill Market. Go 3.4 miles to dead end, follow the main road 2 miles. The Conebella farm will be on the left.

Anyone interested in joining the Pa. Ayrshire Breeders can become a member for $10 a year. Make checks payable to Milt Brubaker, Treasurer, 595 Snyder Hill Road, Lititz, Pa. 17543.

IS SHE OR ISN'T SHE?

NOW YOU WILL KNOW FOR SURE!
REVOLUTIONARY NEW MILK TEST FOR PREGNANCY

1 Earlier testing for pregnancy will save valuable time and money
2 Provides early warning of breeding problems
3 Test is 99% accurate for non-pregnancy
4 Every cow that is open over 90 days costs you at least $10 00 per cow per day
5 A milk sample taken 22-24 days after breeding is all you need
6 NO stress on the cow
7 Complete instructions with each kit
8 1 kit tests 10 cows

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Phone: 717-665-2141

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Cowanesque Valley Livestock Market
Danville Cattle Co., Inc.
Dewart Livestock Market
Four States Livestock Market
G & M Livestock Exchange
Greencastle Livestock Market, Inc.
Green Dragon Livestock Sales
Keister's Middleburg Auction Sales, Inc.
Lancaster Stockyards, Inc.
Lebanon Valley Livestock Market, Inc.
Leesport Market & Auction, Inc.
Meadville Livestock Auction
Morrisons Cove Livestock Market
New Holland Sales Stables, Inc.
New Wilmington Livestock Auction, Inc.
Penns Valley Livestock Auction, Inc.
Pennsylvania Livestock Auction, Inc.
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Troy Sales Cooperative
Valley Stockyards, Inc.
Vintage Sales Stables, Inc.
Wyalusing Livestock Market

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# CUMBERLAND COUNTY DHIA Monthly Report

Pennsylvania Dairy Herd Improvement Association

**June 1981**

Cumberland County Dairy Herd Improvement records show that 8449 1 cows in 138 herds were on production testing in June according to Duane G Duncan, County Agent Of the 114 Herds on DHIA, 65 herds had an average fat production of 1 50 pounds per cow per day for the month During the month 140 completed their 305 day lactation with 600 lbs of butterfat DHIA Supervisors working with the dairymen to improve efficiency include Harold Boldosser, 130 Old Gap Road, Carlisle, Paul Wynn, RD #1, Box 88, Newburg, Jay Zeigler, RD #1, Carlisle, and John Rolar, RD #2, Newville The following are the highest of actual butterfat in 305 days or less in the county during the month The age listed is her age at the time of freshing

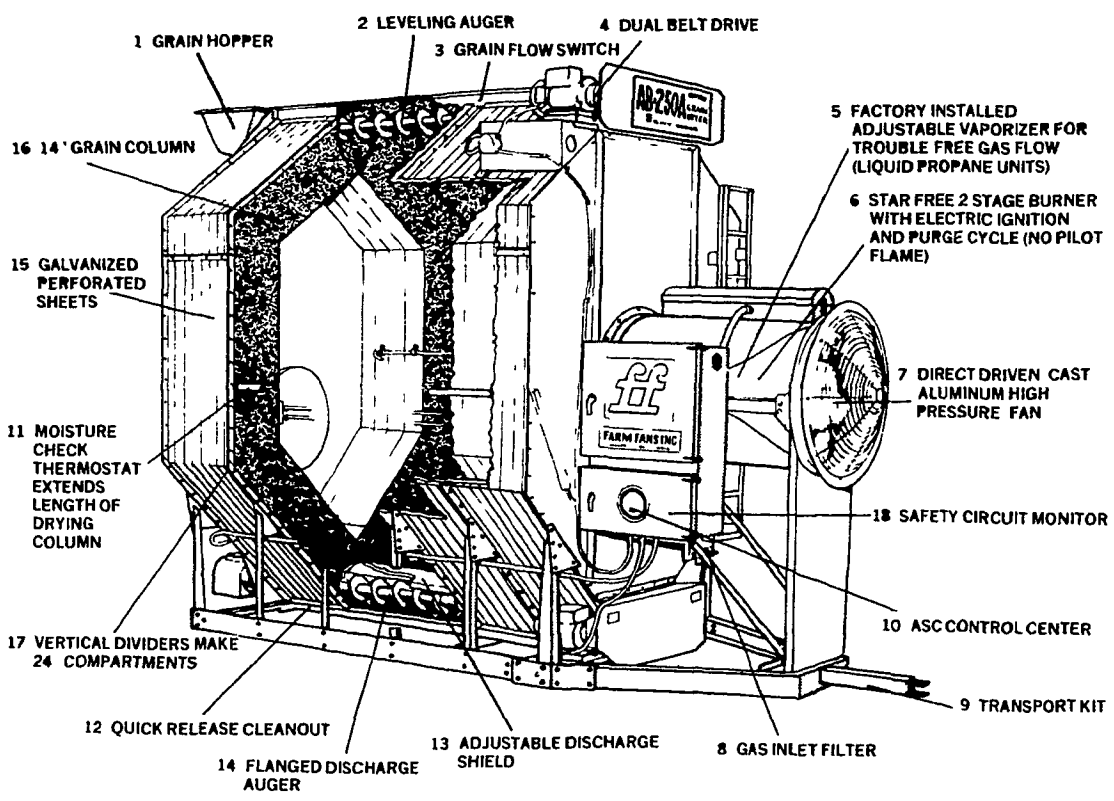
| | | | | |
|---|---|---|---|---|
| Robert Strock | | | | |
| Claudia | RH | 4 | 22,396 | 865 |
| Roy L & James Miller | | | | |
| 7 | GH | 8 | 22,627 | 862 |
| M Thomas Sheaffer | | | | |
| Mamie | RH | 4 | 22,112 | 862 |
| Milk Way Farms | | | | |
| 80 | GH | 3 | 19,645 | 860 |
| M Thomas Sheaffer | | | | |
| Jennie | RH | 3 | 20,984 | 822 |
| Ashcombe Farms | | | | |
| 140 | RH | 7 | 21,664 | 803 |
| Stambaugh Farms | | | | |
| 70 | GH | 10 | 18,505 | 790 |
| Lee A Hoover, Jr | | | | |
| Verna | RH | 7 | 20,854 | 789 |
| M Thomas Sheaffer | | | | |
| Katrice | RH | 10 | 21,830 | 781 |
| Roy L & James Miller | | | | |
| 49 | GH | 9 | 20,377 | 765 |

**High DHIA Summaries for June**

| OWNER | BREED | NO COWS | % DAYS IN MILK | LBS. MILK | % FAT | LBS. FAT |
|---|---|---|---|---|---|---|
| Otto Brothers | | | | | | |
| 7 | | 5 | 16,469 | | 4 3 | 704 |
| 14 | | 4 | 15,278 | | 4 7 | 723 |
| Mark A Naugle | | | | | | |
| Nina | | 6 | 21,444 | | 3 5 | 754 |
| Robert Strock | | | | | | |
| Claudia | | 4 | 22,396 | | 3 9 | 865 |
| Pearl | | 4 | 17,996 | | 3 6 | 643 |
| Cary | | 3 | 19,676 | | 3 4 | 666 |
| Norman Hertzler | | | | | | |
| Silk | | 6 | 14,838 | | 4 5 | 662 |
| Delmer E Cornman | | | | | | |
| Goldie | | 4 | 17,077 | | 3 5 | 604 |
| Sundays Vallilea Farms | | | | | | |
| 4 | | 3 | 17,578 | | 3 8 | 664 |
| 33 | | 4 | 16,775 | | 3 9 | 654 |
| 280 | | 3 | 17,265 | | 3 6 | 613 |
| 15 | | 2 | 20,591 | | 3 4 | 690 |
| J B Brymesser & Sons | | | | | | |
| 101 | | 8 | 14,416 | | 4 2 | 610 |
| 139 | | 7 | 16,263 | | 3 9 | 640 |
| 148 | | 7 | 19,996 | | 3 5 | 700 |
| 174 | | 6 | 19,434 | | 3 3 | 633 |
| 194 | | 6 | 19,256 | | 3 5 | 669 |
| 213 | | 5 | 17,544 | | 3 5 | 617 |
| 225 | | 5 | 19,173 | | 3 2 | 610 |
| 267 | | 4 | 16,673 | | 4 1 | 679 |
| 315 | | 3 | 16,362 | | 3 9 | 642 |
| 353 | | 1 | 19,727 | | 3 1 | 618 |
| Ashcombe Farms | | | | | | |
| 189 | | 9 | 23,173 | | 2 9 | 661 |
| 280 | | 7 | 20,927 | | 3 1 | 657 |
| 140 | | 7 | 21,664 | | 3 7 | 803 |
| 2 | | 6 | 15,540 | | 3 9 | 613 |
| 78 | | 6 | 18,016 | | 3 6 | 640 |
| 266 | | 6 | 16,386 | | 4 1 | 664 |
| 126 | | 6 | 15,445 | | 4 0 | 625 |
| 391 | | 4 | 17,340 | | 3 6 | 631 |
| 162 | | 3 | 16,846 | | 4 3 | 732 |
| 178 | | 3 | 18,037 | | 3 9 | 702 |
| 236 | | 3 | 19,063 | | 3 5 | 674 |
| 256 | | 3 | 18,601 | | 3 8 | 709 |
| Chester & Galen Smith | | | | | | |
| Beatty | | 4 | 14,620 | | 4 3 | 629 |
| Thrush Brothers | | | | | | |
| 64 | | 4 | 16,752 | | 3 9 | 661 |
| 85 | | 4 | 20,570 | | 3 3 | 680 |
| 80 | | 3 | 17,317 | | 4 1 | 713 |
| Willard Fought | | | | | | |
| 14 | | 6 | 19,908 | | 3 8 | 748 |
| Roy L & James Miller | | | | | | |
| 49 | | 9 | 20,377 | | 3 8 | 765 |
| 7 | | 8 | 22,627 | | 3 8 | 862 |
| 39 | | 4 | 15,498 | | 4 1 | 629 |
| L Lee Oiler & Son | | | | | | |
| Lass | | 6 | 18,324 | | 4 1 | 743 |
| Donald & Dave Lehman | | | | | | |
| 38 | | 4 | 18,195 | | 3 8 | 683 |
| Roy L Cover | | | | | | |
| 39 | | 5 | 17,388 | | 3 6 | 619 |
| 415 | | 5 | 14,259 | | 4 8 | 689 |
| Paul Strock | | | | | | |
| Louise | | 4 | 16,196 | | 3 8 | 623 |
| Heather | | 2 | 16,891 | | 3 9 | 653 |
| Paul O Dyarman | | | | | | |
| Jean | | 10 | 18,903 | | 3 3 | 620 |
| Shelby | | 6 | 18,825 | | 3 7 | 699 |
| Edward L Brackbill | | | | | | |
| Hoppy | | 16 | 17,687 | | 4 1 | 717 |
| 49 | | 3 | 16,080 | | 3 9 | 620 |
| Harry & Paul Hoch | | | | | | |
| Sophia | | 8 | 16,156 | | 3 7 | 604 |
| Elaine | | 5 | 18,096 | | 4 0 | 731 |
| Elinor | | 4 | 17,199 | | 3 9 | 670 |
| J Glenn Glesner | | | | | | |
| 16 | | 3 | 17,274 | | 3 7 | 642 |
| Milk Way Farms | | | | | | |
| 3 | | 9 | 19,676 | | 3 6 | 718 |
| 1 | | 8 | 14,073 | | 4 5 | 627 |
| 104 | | 4 | 16,623 | | 3 8 | 624 |
| 80 | | 3 | 19,645 | | 4 4 | 860 |
| 140 | | 2 | 15,330 | | 4 1 | 636 |
| K Hale & N Burkholder | | | | | | |
| Sharon | | 3 | 20,874 | | 3 4 | 719 |
| Paul E Peffer & Son | | | | | | |
| Gladys | | 5 | 14,866 | | 4 1 | 615 |
| Elmer Gettle | | | | | | |
| Anna | | 8 | 18,614 | | 3 8 | 709 |
| Lola | | 3 | 15,455 | | 4 1 | 628 |
| Nettie | | 2 | 13,105 | | 4 6 | 600 |
| Rodger E Hoke | | | | | | |
| 90 | | 5 | 14,199 | | 4 5 | 644 |
| D Clinton Sauder | | | | | | |
| Carla | | 6 | 21,186 | | 3 2 | 682 |
| Fred B McGillvray | | | | | | |
| Marcia | | 5 | 17,642 | | 4 0 | 702 |
| Rinky | | 2 | 15,598 | | 4 1 | 643 |
| Ross H Holtry | | | | | | |
| 79 | | 3 | 18,248 | | 3 4 | 624 |
| J Shephard Wolff | | | | | | |
| Misty | | 5 | 17,718 | | 3 5 | 615 |
| John H Staub | | | | | | |
| Sonia | | 4 | 16,152 | | 3 7 | 605 |
| Donald A McCullough | | | | | | |
| 150 | | 4 | 13,525 | | 4 8 | 650 |
| 92 | | 3 | 15,735 | | 3 8 | 601 |
| Frank J Yost | | | | | | |
| Dawn | | 3 | 15,657 | | 3 9 | 616 |
| Ashcombe Dover Dairy | | | | | | |
| 141 | | 9 | 17,467 | | 3 9 | 684 |
| 313 | | 5 | 18,490 | | 3 3 | 617 |
| 356 | | 4 | 19,557 | | 3 8 | 735 |
| 359 | | 4 | 17,494 | | 4 2 | 742 |
| Leroy Showaker & Son | | | | | | |
| Corrie | | 5 | 16,517 | | 3 8 | 629 |
| Missy | | 5 | 13,671 | | 4 6 | 623 |
| John F Stamy, III | | | | | | |
| 28 | | 4 | 19,594 | | 3 8 | 744 |
| Carl Kelso, Jr | | | | | | |
| 75 | | 5 | 16,732 | | 3 8 | 639 |
| John E Lapp | | | | | | |
| Janie | | 10 | 18,347 | | 3 5 | 642 |
| Maggie | | 5 | 18,004 | | 3 9 | 700 |
| Sylvia | | 4 | 15,560 | | 4 4 | 692 |
| Leroy Chestnut | | | | | | |
| 42 | | 5 | 18,166 | | 3 6 | 657 |
| 47 | | 3 | 18,783 | | 3 2 | 606 |
| Lady | | 3 | 16,631 | | 3 9 | 654 |
| Chester C Weaver | | | | | | |
| Sandy | | 2 | 14,769 | | 4 1 | 607 |
| Igloo | | 2 | 13,316 | | 4 6 | 618 |
| Samuel D Shenk | | | | | | |
| Cindy | | 6 | 18,861 | | 3 3 | 631 |
| Carla | | 5 | 17,602 | | 3 9 | 684 |
| Destiny | | 5 | 15,644 | | 3 9 | 604 |
| Robert H Jamison | | | | | | |
| Spring | | 8 | 16,677 | | 4 0 | 660 |

(Turn to Page C40)


# FARM FANS
## Staged Automatic Grain Dryers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3 GRAIN FLOW SWITCH
4 DUAL BELT DRIVE
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8 GAS INLET FILTER
9 TRANSPORT KIT
10 ASC CONTROL CENTER
11 MOISTURE CHECK THERMOSTAT EXTENDS LENGTH OF DRYING COLUMN
12 QUICK RELEASE CLEANOUT
13 ADJUSTABLE DISCHARGE SHIELD
14 FLANGED DISCHARGE AUGER
15 GALVANIZED PERFORATED SHEETS
16 14 ' GRAIN COLUMN
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18 SAFETY CIRCUIT MONITOR
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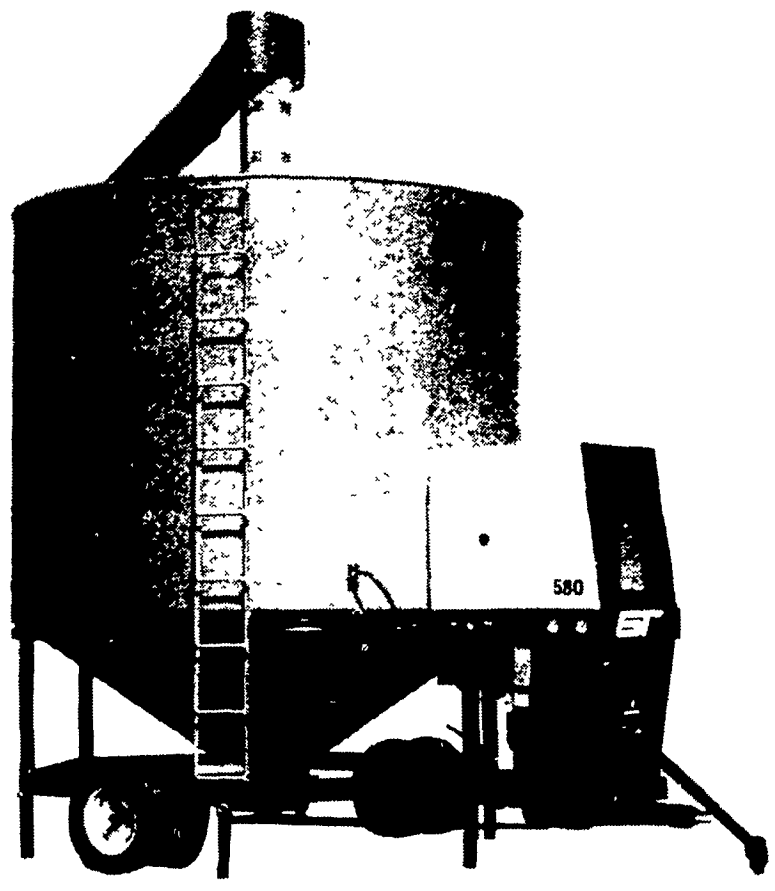


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# Cumberland Co. DHIA

(Continued from Page C39)

| OWNER NAME OR NO. | AGE | LBS. MILK | % FAT | LBS FAT |
|---|---|---|---|---|
| Sandrod Farms | | | | |
| 51 | 5 | 21,690 | 3 4 | 734 |
| John W Weiler | | | | |
| Holly | 4 | 16,986 | 3 6 | 619 |
| Oscar Nealy & Sons | | | | |
| 13 | 4 | 15,886 | 4 0 | 637 |
| Berkheimer Farms | | | | |
| 48 | 9 | 20,208 | 3 7 | 757 |
| 53 | 4 | 17,292 | 3 5 | 600 |
| 13 | 4 | 19,071 | 3 2 | 613 |
| 12 | 4 | 19,872 | 3 3 | 659 |
| 129 | 3 | 15,742 | 3 9 | 620 |
| 139 | 3 | 16,212 | 4 1 | 671 |
| 126 | 3 | 15,777 | 3 8 | 605 |
| Stambaugh Farms | | | | |
| 68 | 8 | 18,349 | 3 8 | 694 |
| 70 | 10 | 18 505 | 4 3 | 790 |
| 72 | 10 | 15,340 | 4 1 | 628 |
| 87 | 9 | 17,364 | 3 8 | 652 |
| 129 | 7 | 17,256 | 4 3 | 736 |
| 144 | 5 | 16,621 | 3 7 | 608 |
| 172 | 6 | 19,327 | 4 0 | 764 |
| 180 | 5 | 20,429 | 3 5 | 706 |
| 59 | 2 | 14,261 | 4 2 | 601 |
| Fred & Chris McGillvray | | | | |
| 3 | 5 | 16,359 | 3 8 | 625 |
| J Douglas Martin | | | | |
| 120 | 2 | 12,705 | 4 7 | 601 |
| David S Miller | | | | |
| Frieda | 2 | 18,941 | 3 3 | 619 |
| Mervin E Ruppert | | | | |
| Sadie | 8 | 17,105 | 4 0 | 679 |
| Warren Nolt | | | | |
| 34 | 7 | 15,146 | 4 4 | 662 |
| Clifford Chamberlin | | | | |
| Flicker | 3 | 17,128 | 3 8 | 658 |
| Elma | 4 | 18,395 | 3 3 | 608 |
| Fred A Hoover | | | | |
| Pansy | 4 | 17,179 | 3 8 | 647 |
| Daniel L Martin, Jr | | | | |
| 7 | 2 | 17,000 | 3 9 | 660 |
| Randall E Yost | | | | |
| 14 | 6 | 15,769 | 4 4 | 687 |
| Jim & Laura Corbett | | | | |
| 49 | 3 | 12,436 | 4 9 | 612 |
| M Thomas Sheaffer | | | | |
| Rhonda | 6 | 18,950 | 3 5 | 656 |
| Lisa | 5 | 15,744 | 3 9 | 613 |
| Mamie | 4 | 22,112 | 3 9 | 862 |
| Star | 4 | 21,178 | 3 4 | 723 |
| Katrice | 3 | 21,830 | 3 6 | 781 |
| Jennie | 3 | 20,984 | 3 9 | 822 |
| Ina | 3 | 23,298 | 2 8 | 642 |
| Tillie | 2 | 19,227 | 3 3 | 644 |
| Rhoda | 3 | 20,802 | 3 1 | 636 |
| Mains Acres | | | | |
| 3 | 4 | 19,852 | 3 5 | 700 |
| 97 | 3 | 14,218 | 4 3 | 605 |
| Lee A Hoover, Jr | | | | |
| Verna | 7 | 20,854 | 3 8 | 789 |
| Coleen | 4 | 16,221 | 3 9 | 63 |
| Nevin Shughart | 4 | 17,986 | 3.5 | 631 |
| Ruth | | | | |
| Nevin Shughart | B3 | 29 100 | 61 1 | 3 6 2 19 |
| Paul Basehore | B3 | 34 87 | 53 5 | 3 7 1 99 |
| Merle & Sharon Dice | B3 | 29 99 | 53 3 | 3 7 1 99 |
| Paul Strock | 3 | 120 92 | 54 8 | 3 5 1 90 |
| Alfred Gaisler | B3 | 43 89 | 55 6 | 3 4 1 89 |
| Mervin E Ruppert | B3 | 36 90 | 50 0 | 3 8 1 88 |
| Furman Landis | B3 | 38 81 | 48 9 | 3 8 1 88 |
| M Thomas Sheaffer | 3 | 56 92 | 49 4 | 3 8 1 86 |
| Freshair Dairy Farm | B3 | 48 99 | 53 8 | 3 4 1 83 |
| J Shephard Wolff | 3 | 49 94 | 48 6 | 3 8 1 83 |
| Sundays Vallilea Fms | B3 | 121 90 | 53 8 | 3 4 1 82 |
| John F Stoltzfus | B3 | 44 80 | 51 8 | 3 5 1 82 |
| Paul O Dyarman | 3 | 57 92 | 47 2 | 3 8 1 82 |
| Richard Foreman, Sr | B3 | 31 94 | 50 0 | 3 6 1 81 |
| Glenn L Myers | B3 | 46 92 | 51 9 | 3 5 1 80 |
| Roy L Coover | B3 | 75 90 | 45 5 | 4 0 1 80 |
| John E Lapp | B3 | 40 90 | 51 2 | 3 5 1 79 |
| Herbert B Shughart | 3 | 26 93 | 50 8 | 3 5 1 78 |
| John M Lippert | 3 | 38 89 | 48 1 | 3 7 1 78 |
| Kenneth E Zeigler | 3 | 38 83 | 44 2 | 4 0 1 78 |
| Samuel D Shenk | B3 | 60 92 | 47 6 | 3 7 1 75 |
| David S Miller | B3 | 29 86 | 50 9 | 3 4 1 74 |
| Fred b McGillvray | 3 | 32 95 | 46 3 | 3 7 1 73 |
| Roy E Snoke | 3 | 30 87 | 49 4 | 3 5 1 72 |
| Carl Kelso, Jr | B3 | 56 88 | 48 3 | 3 5 1 71 |
| D Clinton Sauder | B3 | 52 87 | 46 1 | 3 7 1 70 |
| Harvey Newswanger | B3 | 32 83 | 47 8 | 3 5 1 69 |
| Milk Way farms | B3 | 158 87 | 42 9 | 3 9 1 69 |
| Heiser Farm Dairy | B3 | 49 93 | 48 7 | 3 4 1 68 |
| Lee A Hoover, Jr | B3 | 32 97 | 47 8 | 3 5 1 68 |
| Thrush Brothers | B3 | 107 87 | 45 0 | 3 7 1 68 |
| Elmer Gettle | B3 | 49 85 | 45 2 | 3 7 1 67 |
| Berkheimer Farms | B3 | 131 89 | 46 3 | 3 6 1 66 |
| Mark A Naugle | 3 | 51 83 | 47 8 | 3 5 1 65 |
| Allen B Martin | G3 | 39 89 | 45 9 | 3 6 1 65 |
| Robert Strock | 3 | 84 88 | 45 4 | 3 6 1 65 |
| Ashcombe Farms | B3 | 274 83 | 47 3 | 3 5 1 64 |
| Frank J Yost | 3 | 59 92 | 46 2 | 3 5 1 64 |
| Paul B Sensenig | B3 | 33 84 | 47 9 | 3 4 1 63 |
| Delmer E Cornman | 3 | 42 82 | 44 0 | 3 7 1 62 |
| Harry N Minick | G3 | 18 89 | 54 7 | 2 9 1 61 |
| Marlin Miller & Son | B3 | 47 82 | 48 0 | 3 4 1 61 |
| Lee G Davidson | 3 | 61 86 | 44 7 | 3 6 1 61 |
| Norman Hertzler | 3 | 39 85 | 50 0 | 3 2 1 60 |
| Carl L Lehman | B3 | 52 94 | 46 5 | 3 4 1 60 |
| Paul E Pefter & Son | B3 | 41 86 | 41 3 | 3 9 1 60 |
| C & G Smith | B3 | 115 93 | 46 0 | 3 5 1 59 |
| Donald & Dave Lehman | 3 | 72 91 | 45 8 | 3 5 1 59 |
| Leroy Showaker & Son | 3 | 65 84 | 43 9 | 3 6 1 59 |
| F & C McGillvray | B3 | 39 82 | 39.0 | 4 1 1 59 |
| Mervin E Ruppert | B3 | 38 85 | 45 2 | 3 5 1 58 |
| Glenn & Larry Souder | B3 | 58 83 | 43 6 | 3 6 1 58 |
| David E Lapp | B3 | 34 92 | 43 3 | 3 6 1 58 |
| J Brymesser & Sons | B3 | 201 87 | 47 1 | 3 3 1 56 |
| Leroy Chestnut | B3 | 45 90 | 46 0 | 3 4 1 55 |
| Stambaugh Farms | B3 | 169 93 | 40 9 | 3 8 1 54 |
| Raymond Yoder & Sons | B3 | 21 91 | 40 4 | 3 8 1 54 |
| Lucille Ocker Family | B8 | 33 74 | 41 3 | 3 7 1 53 |
| Daniel R Ocker | G3 | 51 91 | 45 5 | 3 3 1 52 |
| Chester C Weaver | B3 | 78 87 | 41 6 | 3.7 1 52 |
| Oscar Nealy & Sons | B3 | 96 92 | 46.1 | 3.3 1 51 |
| Creedin C Cornman | 3 | 31 84 | 41 0 | 3 7 1 51 |
| Edward L Brackbill | B3 | 30 90 | 40 0 | 3 8 1 51 |
| Willard Fought | B3 | 23 86 | 42.2 | 3 6 1 50 |

# Adams County DHIA Monthly Report

dhia — Pennsylvania Dairy Herd Improvement Association

June 1981

| OWNER | BRD | NO. COWS | % DAYS IN MILK | LBS. MILK | % FAT | LBS. FAT |
|---|---|---|---|---|---|---|
| Weim Sharr Farms | 3 | 65 1 | 89 3 | 57 5 | 3 6 | 2 07 |
| Noel & Holmes | 3 | 58 5 | 89 4 | 53 7 | 3 8 | 2 04 |
| Leroy Deputy | B3 | 121 0 | 89 0 | 57 7 | 3 5 | 2 04 |
| M J Starner & Sons | B3 | 114 8 | 91 3 | 49 1 | 4 1 | 1 99 |
| Piney Lane Guernseys | 2 | 53 4 | 89.6 | 41.9 | 4 7 | 1 98 |
| El Rho Farm | 3 | 48 0 | 86 0 | 51 0 | 3 6 | 1 86 |
| George I Lauchman | 3 | 34 0 | 83 5 | 48 1 | 3 7 | 1 80 |
| John J Hess | B3 | 102 5 | 92.0 | 49 0 | 3 6 | 1 78 |
| Ray Dutterer | G3 | 57 0 | 89 9 | 47.5 | 3 7 | 1 76 |
| Yelow-Buttercup Farm | 3 | 129 2 | 88 5 | 46 5 | 3 8 | 1 76 |
| Stoner Bros Dairy | G3 | 66 4 | 84 8 | 44 3 | 4 0 | 1 75 |
| Eugene Witter | B3 | 61 0 | 95 2 | 47 5 | 3 6 | 1 73 |
| Richard K Herr | B3 | 95 0 | 88.6 | 49 4 | 3 5 | 1 73 |
| Penn Gate Farm | 3 | 42 0 | 87 0 | 46 6 | 3 7 | 1 72 |
| Leroy Basehoar | B3 | 64.4 | 87 4 | 45 6 | 3 8 | 1 72 |
| Lagging Stream Farm | B3 | 114 6 | 84 2 | 45 0 | 3 8 | 1 72 |
| Kraybill Miller | B3 | 47 0 | 93 5 | 49 2 | 3 5 | 1 71 |
| Ber Crk | 3 | 58 8 | 91 5 | 48 4 | 3 5 | 1 69 |
| William C Mearns, Jr | B3 | 89 4 | 78 9 | 45 8 | 3 7 | 1 68 |
| Oscar E Mehring | B3 | 34 7 | 96 3 | 47 4 | 3 5 | 1 67 |
| Robert L Rohrbaugh | B3 | 66 0 | 92 0 | 46 7 | 3 6 | 1 67 |
| Zeppdale Farms | B3 | 103 6 | 83 5 | 46 0 | 3 6 | 1 67 |
| William Myers | B3 | 36 5 | 83 5 | 49 0 | 3 4 | 1 66 |
| Buttonwood Farms | 3 | 117 6 | 86 6 | 44 1 | 3 7 | 1 62 |
| Adam F Lobaugh | 3 | 41 0 | 82 8 | 46 0 | 3 5 | 1 61 |
| Way Brite Farms | B3 | 121 2 | 88 7 | 40 9 | 3 9 | 1 61 |
| Grn Manor Guernseys | 2 | 18 0 | 81 3 | 34 7 | 4 6 | 1 59 |
| James E Miller | 2 | 38 8 | 86 2 | 34 2 | 4 6 | 1 57 |
| Claude Holmes, Jr | 3 | 34 0 | 83 7 | 45 2 | 3 5 | 1 57 |
| Kling Ayr Farms | 3 | 35 0 | 70 5 | 43 0 | 3 6 | 1 55 |
| Roy A Weaner, Jr | 3 | 63 9 | 78 0 | 38 8 | 4 0 | 1 55 |
| Penn Gate Farm | 3 | 42 0 | 76 9 | 41 3 | 3 6 | 1 50 |
| Kehr Acres | 3 | 71 5 | 91 3 | 39 0 | 3 7 | 1 46 |
| Frank Ludwig | B3 | 36 7 | 83 9 | 37 2 | 3 9 | 1 45 |

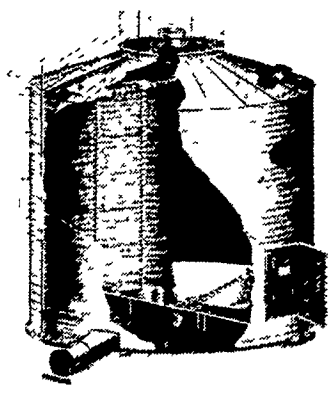
(Turn to Page C41)


WESTEEL-ROSCO

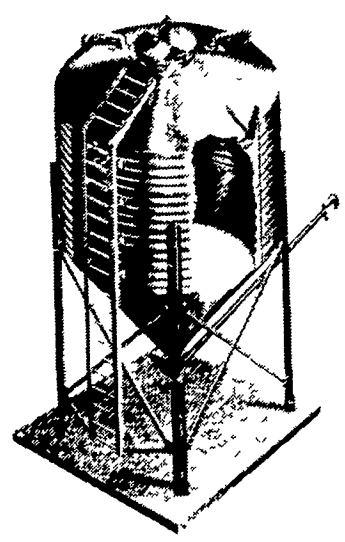
GRAIN BINS

| Diameter | Model No | Number Of Tiers | Bushel Capacity | Ft. Height Eaves | Ft. Height Overall | Cash Price |
|---|---|---|---|---|---|---|
| 13.8 Ft. | 144 | 4 | 1453 | 10.3 | 14.3 | $822.60 |
| 13.8 Ft. | 145 | 5 | 1769 | 12.8 | 16.8 | $951.87 |
| 13.8 Ft. | 146 | 6 | 2085 | 15.3 | 19.3 | $1,102.69 |
| 19.1 Ft. | 194 | 4 | 2883 | 10.3 | 15.8 | $1,326.00 |
| 19.1 Ft. | 195 | 5 | 3488 | 12.8 | 18.3 | $1,549.83 |
| 19.1 Ft. | 196 | 6 | 4093 | 15.3 | 20.8 | $1,799.52 |
| 19.1 Ft. | 197 | 7 | 4698 | 17.8 | 23.3 | $2,012.27 |
| 19.1 Ft. | 198 | 8 | 5302 | 20.3 | 25.8 | $2,244.97 |

Prices Shown Are For Cash. FOB Manheim, PA K.D.



Feed Bins



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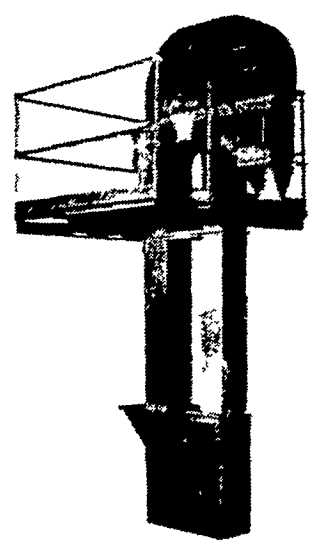

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☐ Shenango Buildings
☐ Poultry Equipment
☐ Hog Equipment

Name _____
Address or Rural Route _____
Town _____ State _____ Zip _____
Phone (Include Area Code) _____

# Adams Co. DHIA

(Continued from Page C40)

| | | | | | | |
|---|---|---|---|---|---|---|
| Pleasent Acres | G3 | 530 | 828 | 381 | 38 | 1 44 |
| Terrence P Murren | 2 | 210 | 897 | 29.5 | 49 | 1 44 |
| Robel Acres | 3 | 1031 | 811 | 419 | 34 | 1 43 |
| M R. & C.S Durobaw | B3 | 485 | 831 | 389 | 37 | 1 43 |
| Roger L. Sprague | B3 | 569 | 816 | 37.6 | 38 | 1 42 |
| Rhodes Enterprises | B3 | 961 | 844 | 401 | 3.5 | 1 42 |
| William G Inskip | B3 | 560 | 867 | 399 | 35 | 1 41 |
| Grove Bros | B3 | 760 | 862 | 416 | 34 | 1.41 |
| J. Howard Stiles | 4 | 634 | 890 | 301 | 4.7 | 1 41 |
| H & W Farms | B3 | 525 | 89.6 | 372 | 38 | 1 40 |
| Donald Todt | B3 | 504 | 828 | 39.6 | 34 | 1 36 |
| Robert & Linda Meyers | B3 | 612 | 863 | 401 | 34 | 1 35 |
| Pennstead Farm | 3 | 41.0 | 890 | 357 | 37 | 1 33 |
| Rinker Bros | G3 | 377 | 825 | 357 | 37 | 1 33 |
| Guy Tanger | 3 | 340 | 738 | 383 | 34 | 1 32 |
| Richard Mills | G3 | 470 | 785 | 346 | 38 | 1 32 |
| Stone Manor Dairy | 3 | 488 | 825 | 364 | 36 | 1 30 |
| Shamrock Farm | B3 | 574 | 813 | 368 | 35 | 1 27 |

All complete lactations of 600 lbs. fat or more

| OWNER NAME OR NUMBER | BREED | AGE | DAYS IN MILK | LBS. MILK | % FAT | LBS. FAT |
|---|---|---|---|---|---|---|
| Noel & Holmes | | | | | | |
| Loria | 3 | 6-1 | 302 | 23,523 | 37 | 875 |
| Tippie | 3 | 4-0 | 305 | 18,997 | 39 | 743 |
| Stoner Bros Dairy | | | | | | |
| Flip | 3 | 93 | 224 | 14,821 | 42 | 626 |
| Lynet | 3 | 96 | 305 | 19,939 | 35 | 691 |
| Phyllis | 3 | 8-7 | 305 | 21,096 | 35 | 748 |
| Barb | 3 | 4-10 | 302 | 18,255 | 42 | 770 |
| Megs | 3 | 5-4 | 305 | 16,712 | 41 | 682 |
| Mowena | 3 | 3-11 | 305 | 23,233 | 34 | 799 |
| Patsy | 3 | 4-4 | 305 | 22,680 | 37 | 831 |
| Happy | 3 | 4-0 | 305 | 16,682 | 38 | 632 |
| Studdy | 3 | 3-8 | 305 | 18,150 | 42 | 768 |
| 13 | 3 | 3-1 | 301 | 22,119 | 32 | 710 |
| 30 | 3 | 3-0 | 304 | 18,344 | 38 | 688 |
| 25 | 3 | 3-0 | 289 | 16,895 | 39 | 657 |
| 52 | 3 | 3-0 | 279 | 13,081 | 47 | 620 |
| Penn Gate Farm | | | | | | |
| 12 | 3 | 6-4 | 305 | 17,564 | 38 | 675 |
| El Abbey | 3 | 4-5 | 305 | 20,482 | 38 | 772 |
| Pat | 3 | 2-2 | 305 | 15,144 | 41 | 624 |
| Merry 4 | 3 | 4-9 | 305 | 19,726 | 36 | 704 |
| Adam F Lobaugh | | | | | | |
| Mindy | 3 | 4-7 | 305 | 20,105 | 40 | 802 |
| Piney Lane Guernseys | | | | | | |
| Pengle | 2 | 5-1 | 305 | 16,681 | 53 | 881 |
| Podene | 2 | 4-3 | 305 | 14,826 | 57 | 852 |
| M J Starner & Sons | | | | | | |
| 119 | 3 | 7-6 | 305 | 18,071 | 4.0 | 730 |
| 215 | 3 | 3-0 | 305 | 18,733 | 3.9 | 723 |
| Leroy Basehoar | | | | | | |
| 66 | 3 | 8-10 | 305 | 17,930 | 45 | 809 |
| 85 | 3 | 7-6 | 288 | 18,527 | 3.8 | 711 |
| Donald Toot | | | | | | |
| Cindy | 3 | 5-10 | 305 | 19,144 | 36 | 684 |
| Kraybill Miller | | | | | | |
| Sherry | 3 | 5-3 | 305 | 17,594 | 38 | 672 |
| Kling Ayr Farms | | | | | | |
| Hattie | 3 | 5-4 | 305 | 18,922 | 33 | 626 |
| Buttonwood Farms | | | | | | |
| Grace | 3 | 7-7 | 305 | 18,595 | 34 | 635 |
| 19 | 3 | 5-2 | 305 | 20,519 | 34 | 690 |
| Jessie | 3 | 4-11 | 305 | 18,857 | 3.5 | 663 |
| Denise | 3 | 5-3 | 305 | 19,507 | 40 | 777 |
| Jiff | 3 | 4-3 | 300 | 18,434 | 42 | 782 |
| Bretina | 3 | 3-11 | 305 | 19,155 | 40 | 759 |
| James E. Miller | | | | | | |
| Iva | 2 | 0-0 | 305 | 14,027 | 4.9 | 682 |
| Penny | 2 | 0-0 | 296 | 13,218 | 49 | 645 |
| Roy A. Weaner, Jr. | | | | | | |
| 28 | 3 | 4-10 | 219 | 18,902 | 36 | 681 |
| 85 | 3 | 3-10 | 293 | 15,321 | 42 | 651 |
| 65 | 3 | 3-10 | 279 | 12,933 | 48 | 625 |
| Lagging Stream Farm | | | | | | |
| June | 3 | 7-1 | 302 | 19,340 | 36 | 703 |
| Kehr Acres | | | | | | |
| 52 | 3 | 7-4 | 305 | 15,394 | 3.9 | 603 |
| John J Hess | | | | | | |
| 71 | 3 | 10-2 | 305 | 16,686 | 38 | 631 |
| 70 | 3 | 9-3 | 305 | 17,065 | 3.5 | 603 |
| 136 | 3 | 4-5 | 289 | 16,101 | 3.7 | 602 |
| Ray Dutterer | | | | | | |
| Jerry | 3 | 4-6 | 294 | 17,021 | 38 | 646 |
| El Rho Farm | | | | | | |
| Jester | 3 | 4-3 | 305 | 21,355 | 37 | 789 |
| Robert & Linda Meyers | | | | | | |
| 10 | 3 | 4-2 | 305 | 16,586 | 37 | 611 |
| Yelow-Buttercup Farm | | | | | | |
| 13 | 3 | 6-3 | 305 | 18,104 | 35 | 640 |
| 81 | 3 | 4-2 | 288 | 19,366 | 31 | 609 |
| 38 | 3 | 4-0 | 305 | 24,189 | 39 | 932 |
| 39 | 3 | 3-8 | 305 | 19,692 | 3.8 | 746 |
| 5 | 3 | 3-5 | 305 | 18,886 | 4.1 | 769 |
| 76 | 3 | 2-11 | 305 | 16,920 | 43 | 733 |
| 68 | 3 | 2-10 | 305 | 16,534 | 45 | 752 |
| 28 | 3 | 2-10 | 305 | 15,731 | 4.6 | 717 |
| 108 | 3 | 3-1 | 305 | 18,265 | 35 | 637 |
| 7 | 3 | 2-4 | 305 | 17,459 | 37 | 645 |
| William Myers | | | | | | |
| Fanny | 3 | 3-2 | 305 | 18,455 | 47 | 875 |
| Roger L Sprague | | | | | | |
| Corie | 3 | 86 | 305 | 15,292 | 43 | 662 |
| Baby | 3 | 7-4 | 305 | 18,047 | 35 | 634 |
| 76 | 3 | 6-1 | 305 | 19,286 | 3.8 | 733 |
| Daisy | 3 | 3-2 | 305 | 17,114 | 39 | 674 |
| Weim Sharr Farms | | | | | | |
| 2 | 3 | 7-4 | 305 | 16,279 | 45 | 738 |
| 61 | 3 | 9-9 | 305 | 19,861 | 38 | 750 |
| 62 | 3 | 8-1 | 305 | 24,246 | 37 | 892 |
| 77 | 3 | 4-8 | 305 | 17,452 | 37 | 638 |
| William C Mearns, Jr | | | | | | |
| 24 | 3 | 6-4 | 279 | 17,723 | 37 | 647 |
| 89 | 3 | 3-2 | 297 | 13,122 | 47 | 618 |
| 99 | 3 | 3-3 | 275 | 14,060 | 44 | 613 |
| Grove Bros | | | | | | |
| 33 | 3 | 7-9 | 305 | 19,778 | 31 | 609 |
| 34 | 3 | 7-7 | 304 | 18,737 | 34 | 635 |
| 17 | 3 | 4-2 | 296 | 15,088 | 39 | 581 |
| 85 | 3 | 4-1 | 299 | 16,225 | 38 | 622 |
| 32 | 3 | 2-4 | 300 | 15,664 | 39 | 612 |
| Eugene Witter | | | | | | |
| Sylvia | 3 | 5-10 | 305 | 13,809 | 4.4 | 614 |
| Barbie | 3 | 5-0 | 305 | 18,617 | 36 | 669 |

(Turn to Page C42)


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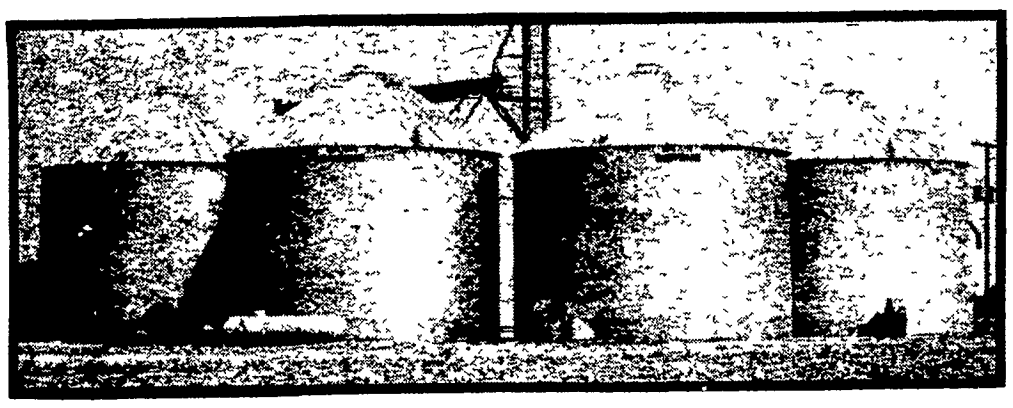

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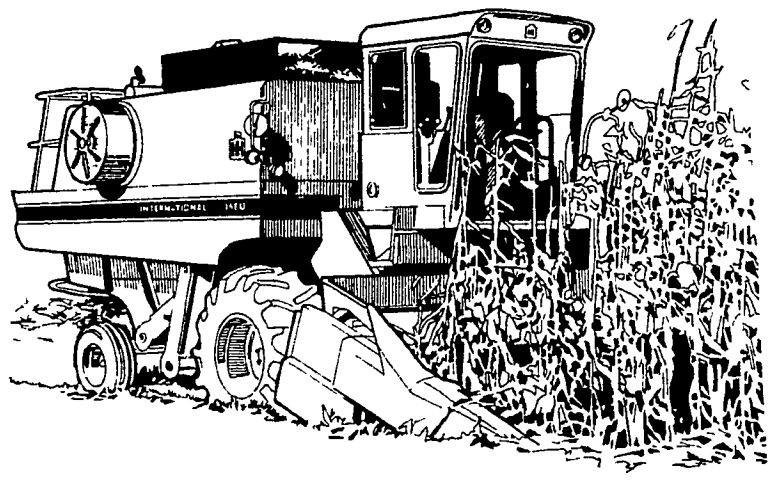

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# Perry County DHIA Monthly Report

dhia
Pennsylvania Dairy Herd Improvement Association

**June 1981**

The Perry County DHIA Report for June, 1981, lists the herds averaging 1 5 lbs of butterfat or over per day

| OWNER | BREED | NO. COWS | % DAYS IN MILK | LBS. MILK | % FAT | LBS. FAT |
|---|---|---|---|---|---|---|
| Benjamin E Dum | 3 | 44 4 | 94 2 | 63 5 | 3 6 | 2 30 |
| Kenneth R Benner | 3 | 58 7 | 90 4 | 60 0 | 3 8 | 2 28 |
| Dean McMillen | B3 | 41 5 | 92 8 | 59 1 | 3 8 | 2 24 |

# Adams Co. DHIA

(Continued from Page C41)

| | | | | | | |
|---|---|---|---|---|---|---|
| Blacky | 3 | 3-11 | 305 | 16,271 | 4 2 | 676 |
| Lucy | 3 | 3 5 | 305 | 17,716 | 3 8 | 668 |
| Denise | 3 | 2-3 | 305 | 18,910 | 3 8 | 719 |
| Cindy B | 3 | 6 4 | 305 | 20,517 | 3 9 | 800 |
| Leroy Deputy | | | | | | |
| Fairly | 3 | 7 0 | 305 | 22,712 | 3 2 | 735 |
| Karen | 3 | 6 7 | 305 | 29,585 | 3 4 | 1012 |
| Shon | 3 | 4-11 | 305 | 24,167 | 3 2 | 773 |
| Sharon | 3 | 4-1 | 305 | 23,476 | 3 6 | 834 |
| Kristin | 3 | 2 10 | 305 | 18,914 | 3 3 | 622 |
| Claude Holmes, Jr | | | | | | |
| Leela | 3 | 6-9 | 305 | 21,729 | 3 5 | 767 |
| Maze | 3 | 2-4 | 305 | 14,862 | 4 3 | 638 |
| Robert L Rohrbaugh | | | | | | |
| 30 | 3 | 6-9 | 305 | 21,512 | 3 0 | 649 |
| 58 | 3 | 6-9 | 305 | 15,490 | 3 9 | 605 |
| Stone Manor Dairy | | | | | | |
| Apple | 3 | 5-1 | 297 | 19,295 | 3 6 | 699 |
| Rhodes Enterprises | | | | | | |
| 66 | 3 | 6-9 | 305 | 16,121 | 3 9 | 632 |
| J Howard Stiles | | | | | | |
| Pet | 4 | 3-2 | 305 | 13,037 | 5 4 | 707 |
| Patcake | 4 | 5-11 | 305 | 11,875 | 5 7 | 682 |
| Terrence P Murren | | | | | | |
| Rae | 2 | 3-2 | 305 | 13,714 | 4 8 | 652 |
| Richard K Herr | | | | | | |
| 8 | 3 | 3-4 | 305 | 18,873 | 3 8 | 710 |
| 159 | 3 | 3-6 | 305 | 18,227 | 3 5 | 633 |
| Harry R Book, Jr | 3 | 41 0 | 95 3 | 58 6 | 3 8 | 2 20 |
| Donald Dum | 3 | 34 2 | 91 8 | 57 8 | 3 7 | 2 13 |
| Charles C Byers | 3 | 26 4 | 100 0 | 59 4 | 3 6 | 2 13 |
| Milmay Farm | 3 | 55 6 | 88 5 | 50 8 | 4 1 | 2 09 |
| Carl E McMillen | 3 | 82 1 | 88 4 | 55 7 | 3 7 | 2 07 |
| Frank Rick | 3 | 51 4 | 96 5 | 55 0 | 3 7 | 2 06 |
| Harry R Book, Jr | 3 | 41 6 | 95 1 | 56 7 | 3 6 | 2 06 |
| Henry S Lapp | B3 | 37 0 | 94 4 | 56 6 | 3 6 | 2 06 |
| Ray E McMillen | 3 | 67 2 | 83 4 | 54 9 | 3 7 | 2 05 |
| Bratton View Farm | 3 | 71 3 | 94 8 | 56 8 | 3 5 | 1 98 |
| Dean Loy & Son | B3 | 51 0 | 92 9 | 54 8 | 3 5 | 1 93 |
| Kenneth C Morrow | B3 | 40 0 | 94 9 | 51 2 | 3 8 | 1 92 |
| Dale Smoker | B3 | 61 0 | 87 8 | 54 3 | 3 5 | 1 91 |
| Philip Brubaker | B3 | 48 5 | 95 1 | 52 5 | 3 6 | 1 91 |
| Eugene M Nolt | G3 | 44 1 | 85 2 | 53 6 | 3 5 | 1 90 |
| David H Weller | 3 | 44 0 | 89 0 | 49 1 | 3 8 | 1 88 |
| Richard Smith | 3 | 51 2 | 90 0 | 52 4 | 3 6 | 1 87 |
| W Martin & Sons | B3 | 137 4 | 88 3 | 49 3 | 3 8 | 1 86 |
| Alfred Albright | B3 | 92 7 | 87 6 | 50 5 | 3 7 | 1 85 |
| Max Reapsome | 3 | 49 8 | 88 9 | 46 5 | 4 0 | 1 85 |
| Ray L Kling | 3 | 62 7 | 93 9 | 49 3 | 3 8 | 1 85 |
| O & W Campbell | B3 | 60 5 | 84 6 | 52 3 | 3 5 | 1 85 |
| John E Book | B3 | 36 2 | 95 6 | 56 8 | 3 2 | 1 84 |
| Leon M Martin | G3 | 47 9 | 91 6 | 51 6 | 3 6 | 1 84 |
| Dumbelle Farms | 3 | 43 6 | 86 2 | 53 6 | 3 4 | 1 83 |
| J & C Achenbach | 3 | 41 5 | 96 0 | 51 2 | 3 5 | 1 81 |
| Nevin G Rice | B3 | 83 8 | 92 6 | 46 8 | 3 8 | 1 79 |
| Milligan Bros | 3 | 66 6 | 81 1 | 48 7 | 3 7 | 1 79 |
| J O'Toole & Sons | B3 | 51 5 | 92 4 | 47 3 | 3 8 | 1 79 |
| Richard Kriebel | 3 | 42 0 | 91 6 | 47 6 | 3 8 | 1 79 |
| Richard L Maurer | B3 | 53 1 | 84 2 | 46 1 | 3 8 | 1 76 |
| John Sauder Jr | B3 | 80 7 | 91 8 | 46 2 | 3 8 | 1 75 |
| Ray L Kling | 3 | 62 2 | 92 1 | 48 6 | 3 6 | 1 74 |
| Clarence Martin | B3 | 54 0 | 88 5 | 51 5 | 3 4 | 1 74 |
| J O'Toole & Sons | B3 | 52 0 | 86 5 | 45 7 | 3 8 | 1 73 |
| Dobbs Brothers | 3 | 30 9 | 87 5 | 50 8 | 3 4 | 1 73 |
| Mt Home Farm | B3 | 86 1 | 90 0 | 45 9 | 3 7 | 1 72 |
| James M Palm | B3 | 49 3 | 81 9 | 48 0 | 3 6 | 1.72 |
| F & N Neely | B3 | 35 3 | 92 4 | 45 6 | 3 7 | 1 69 |
| M. W Smith Farms | B3 | 56 4 | 87 0 | 49 5 | 3 4 | 1 69 |
| Edwin L Shelbley | B3 | 60 0 | 79 2 | 51 9 | 3 2 | 1 66 |
| Perry M Kretzing | B3 | 83 0 | 89 7 | 43 9 | 3 7 | 1 63 |
| E & W McMillen | 3 | 40 3 | 72 9 | 45 5 | 3 6 | 1 62 |
| Cedar Lane Farm | B3 | 86 9 | 92 3 | 45 3 | 3 6 | 1.62 |
| Wayne L Stephens | B3 | 44 0 | 86 7 | 44 8 | 3 6 | 1 61 |
| Melvin S Weaver | B3 | 67 8 | 90 4 | 42 5 | 3 8 | 1 60 |
| John L King | B3 | 43 2 | 89 1 | 48 9 | 3 3 | 1.60 |
| D Brofee & Sons | B3 | 108 0 | 84 6 | 48 3 | 3 3 | 1 57 |
| Edward Horn | B3 | 32 0 | 92 5 | 46 7 | 3 4 | 1 57 |
| San-Rae Farms | B3 | 51 4 | 90 7 | 43 4 | 3 6 | 1 56 |
| James F Bolze | B3 | 64 0 | 78 7 | 44 3 | 3 5 | 1 54 |
| Gary H Haas | B3 | 32 5 | 84 7 | 43 2 | 3 5 | 1 53 |
| Duane L Hertzler | B3 | 88 5 | 80 7 | 43 7 | 3 5 | 1 52 |
| Lyons Brothers | B3 | 54 0 | 87 1 | 40 7 | 3 7 | 1 51 |

Listed below lactations of 650 lbs of butterfat or over

| OWNER NAME OR NUMBER | BREED | AGE | DAYS IN MILK | LBS. MILK | | LBS. FAT |
|---|---|---|---|---|---|---|
| Alfred Albright | | | | | | |
| Betty | H | 3-9 | 305 | 15,495 | 4 3 | 667 |
| Ruby | H | 5-7 | 285 | 16,740 | 3 9 | 653 |
| Lassie | H | 2-10 | 292 | 15,276 | 4 5 | 692 |
| Milmay Farm | | | | | | |
| Doll | H | 10 0 | 305 | 16,478 | 4 6 | 761 |
| Mary | H | 4-4 | 305 | 23,706 | 3 6 | 849 |
| Mina | H | 4 4 | 305 | 20,446 | 3 6 | 746 |
| Carl E McMillen | | | | | | |
| Bo Bo | H | 8 11 | 305 | 19,067 | 3 6 | 695 |
| Chunky | H | 5-7 | 299 | 18,605 | 3 6 | 672 |
| Ray E McMillen | | | | | | |
| Jo | H | 9-2 | 305 | 18,552 | 4 0 | 739 |
| Julie | H | 6-1 | 298 | 22,208 | 3 7 | 820 |
| Pat | H | 5-9 | 305 | 20,549 | 3 8 | 787 |
| Joanie | H | 2-11 | 305 | 17,180 | 4 4 | 753 |
| Nevin G Rice | | | | | | |
| #145 | H | 6-0 | 305 | 21,923 | 3 8 | 825 |
| #165 | H | 5-4 | 305 | 21,045 | 3 3 | 687 |
| #264 | H | 2-3 | 305 | 14,774 | 4 4 | 653 |
| Max Reapsome | | | | | | |
| #117 | H | 3-10 | 305 | 18,310 | 4 2 | 773 |
| William E Martin & Sons | | | | | | |
| #117 | H | 7-0 | 305 | 19,046 | 4 3 | 812 |
| #115 | H | 6-3 | 305 | 17,419 | 3 8 | 668 |
| #176 | H | 5 6 | 305 | 22,295 | 3 6 | 803 |
| #243 | H | 4-2 | 303 | 15,921 | 4 9 | 775 |
| #307 | H | 3-3 | 305 | 18,452 | 3 7 | 680 |
| Mt Home Farm | | | | | | |
| #165 | H | 11-4 | 305 | 20,456 | 3 3 | 678 |
| #331 | H | 4-7 | 305 | 14,488 | 4 6 | 668 |
| #367 | H | 3-11 | 305 | 19,366 | 4.0 | 776 |
| Benjamin E Dum | | | | | | |
| Snow | H | 11-9 | 305 | 22,519 | 3 8 | 862 |
| Dumbelle Farms | | | | | | |
| Bliss | H | 11-7 | 305 | 15,230 | 4 6 | 697 |
| Heather | H | 6-9 | 305 | 21,141 | 4 0 | 853 |
| Polly | H | 5-8 | 305 | 19,052 | 3 8 | 728 |
| Beauty | H | 3-9 | 287 | 14,900 | 5 2 | 768 |
| Dave Trout | | | | | | |
| #199 | H | 7-3 | 305 | 15,872 | 4 1 | 657 |
| Frank Rice | | | | | | |
| Jenny | H | 6-0 | 305 | 19,603 | 3 9 | 759 |
| Milligan Bros | | | | | | |
| Blackie | H | 11-8 | 253 | 19,085 | 4 3 | 828 |
| Star | H | 6-8 | 305 | 18,301 | 3 8 | 696 |
| Ringy | H | 3-7 | 305 | 22,995 | 3 9 | 889 |
| Dean Loy & Son | | | | | | |
| Rhoda | H | 3-1 | 305 | 21,439 | 3 7 | 787 |
| Ray L. Kling | | | | | | |
| Rich | H | 8-0 | 305 | 17,871 | 4.4 | 786 |
| Lou | H | 5-7 | 304 | 19,827 | 3 5 | 701 |
| Kitty | H | 4-2 | 305 | 14,499 | 4 6 | 671 |
| Olive | H | 3-0 | 294 | 17,103 | 4 1 | 702 |
| Richard L Maurer | | | | | | |
| Charmer | H | 3-2 | 305 | 17,716 | 4 1 | 730 |
| John E Book | | | | | | |
| #47 | H | 4-10 | 305 | 20,213 | 3 8 | 758 |
| #50 | H | 4-6 | 305 | 17,612 | 3 7 | 659 |
| Clark W Bower | | | | | | |
| Auburn | H | 7-11 | 266 | 16,290 | 4 1 | 676 |
| Bratton View Farm | | | | | | |
| Mona | H | 9-3 | 305 | 17,257 | 4 3 | 740 |
| Scout | H | 9-4 | 305 | 19,214 | 3 5 | 672 |
| Sheryl | H | 8-7 | 305 | 21,223 | 3 6 | 763 |

(Turn to Page C43)


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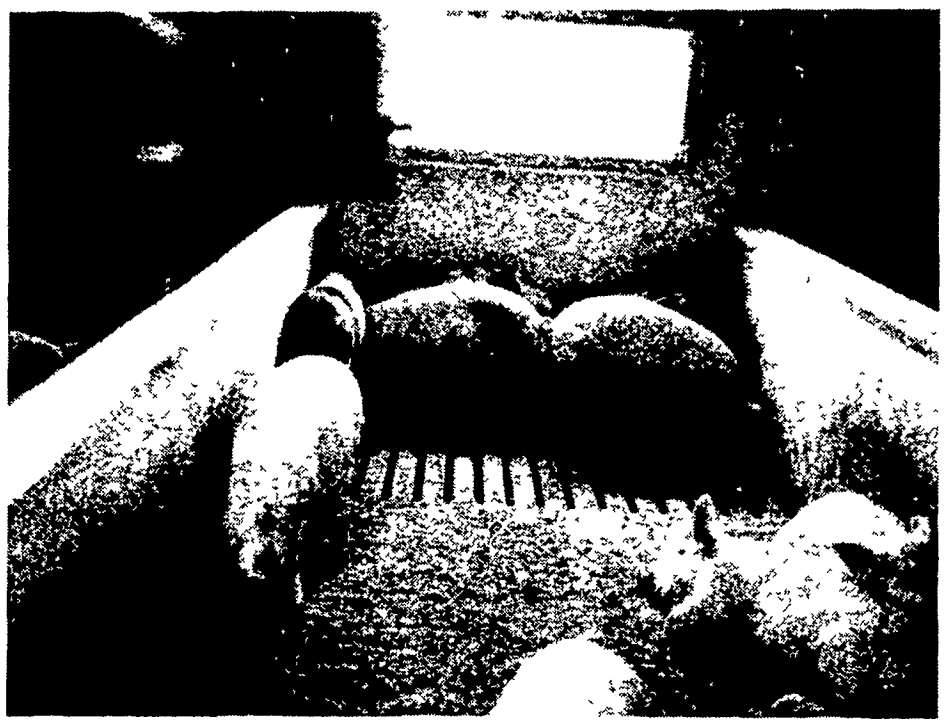

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# MILK MARKET NEWS

**DAIRY FARMERS TO VOTE ON CHANGING 29 MILK ORDERS**

The U.S. Department of Agriculture is asking affected dairy farmers if they approve of a final decision that would amend price announcement procedures in 29 federal milk marketing orders. The results are scheduled to be compiled within 30 days.

The 29 milk orders are: St. Louis-Ozarks, Georgia, Tennessee Valley, Chicago Regional, Southern Illinois, Louisville-Lexington-Evansville, Indiana, Central Illinois, Greater Kansas City, Nebraska-Western Iowa, Upper Midwest, Neosho Valley, Wichita, Eastern South Dakota, Iowa, New Orleans-Mississippi, Greater Louisiana, Memphis, Nashville, Paducah, Fort Smith, Red River Valley, Oklahoma Metropolitan, Central Arkansas, Lubbock-Plainview, Texas, Central Arizona, Texas Panhandle and Rio Grande Valley.

Herbert L. Forest, dairy official with USDA's Agricultural Marketing Service, said the final decision would provide that the Class II price for a particular month be announced on a tentative basis by the 15th day of the preceding month. This decision is based on the only proposal supported at a public hearing in Clayton, Mo., last August.

The final Class II price could not be less than the Class III price for that particular month. The final Class II price would be announced by the fifth day of the following month when the Class III price is announced.

The hearing to consider changing the Class II price announcement procedures in the 29 orders was neccessitated by an order of the U.S. Court of Appeals for the District of Columbia, which ruled the existing announcement procedures invalid.


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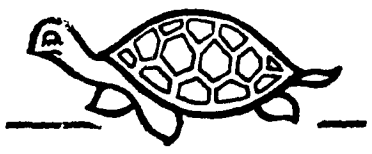

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| | | | | | | |
|---|---|---|---|---|---|---|
| Delmar Brotee & Sons | | | | | | |
| Annette | H | 4-9 | 305 | 19,776 | 3 4 | 682 |
| Kenneth R Benner | | | | | | |
| Elenore | H | 5-6 | 305 | 19,938 | 4 4 | 885 |
| Sarah | H | 3-7 | 305 | 21,649 | 3 7 | 810 |
| Oscar & Wayne Campbell | | | | | | |
| Dora | H | 4-7 | 301 | 19,255 | 3 8 | 729 |
| Anita | H | 5-10 | 305 | 18,231 | 4 5 | 828 |
| Francy | H | 3-5 | 305 | 18,023 | 3 8 | 677 |
| David H Weiler | | | | | | |
| Rosey | H | 7-0 | 305 | 20,754 | 3.7 | 768 |
| Richard Kriebel | | | | | | |
| Hummer | H | 6-7 | 305 | 23,305 | 3.7 | 860 |
| Caramel | H | 4-10 | 305 | 21,589 | 3 8 | 826 |
| Earl E Krone | | | | | | |
| Emily | H | 7-0 | 305 | 22,091 | 4 2 | 928 |
| John B Sauder, Jr | | | | | | |
| Katie | H | 5-5 | 305 | 15,551 | 4 3 | 668 |
| Richard G Smith | | | | | | |
| #12 | H | 6-6 | 305 | 20,269 | 3 7 | 740 |
| Clarence S Martin | | | | | | |
| #11 | H | 3-4 | 305 | 18,101 | 3.6 | 658 |
| Ed. & Wilma McMillen | | | | | | |
| Cindy | H | 2-10 | 305 | 18,451 | 3.8 | 707 |
| John L King | | | | | | |
| Evelyn | H | 3-3 | 305 | 20,570 | 3.7 | 758 |
| Linda | H | 7-0 | 305 | 19,606 | 3.4 | 658 |
| Dale Smoker | | | | | | |
| #14 | H | 3-1 | 305 | 14,898 | 4.6 | 689 |
| #79 | H | 3-3 | 305 | 18,766 | 4.1 | 774 |
| Edwin L Sheibley | | | | | | |
| Peggy | H | 5-3 | 305 | 20,028 | 4.0 | 792 |
| Eugene M Nolt | | | | | | |
| #31 | H | 3-9 | 305 | 20,182 | 3.5 | 697 |
| #50 | H | 3-8 | 305 | 22,159 | 4.2 | 930 |
| #104 | H | 3-9 | 305 | 20,904 | 3.4 | 712 |
| Dobbs Brothers | | | | | | |
| Clare | H | 8-1 | 303 | 20,347 | 3.7 | 746 |
| Cedar Lane Farm | | | | | | |
| #53 | H | 4-3 | 305 | 22,850 | 3 8 | 864 |
| #55 | H | 4-10 | 305 | 21,160 | 3 2 | 679 |
| #79 | H | 6-10 | 305 | 19,365 | 3 9 | 753 |
| Wayne L. Stephen | | | | | | |
| Loraine | H | 8-9 | 305 | 16,975 | 3.9 | 666 |


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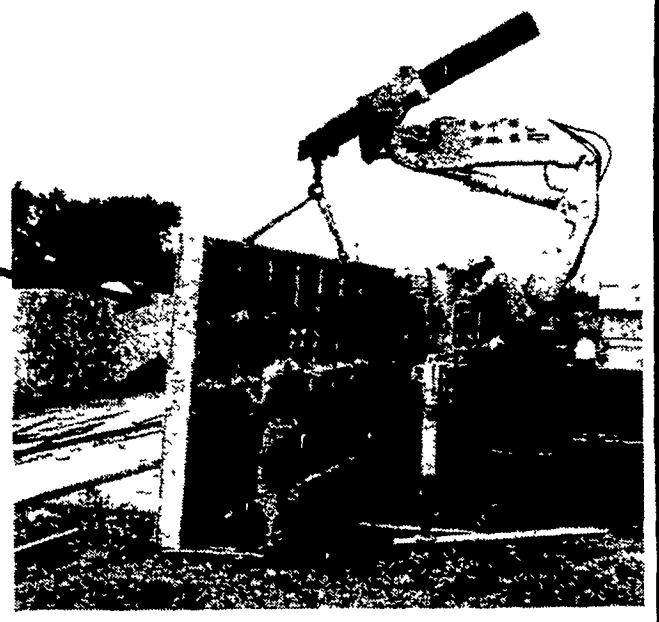

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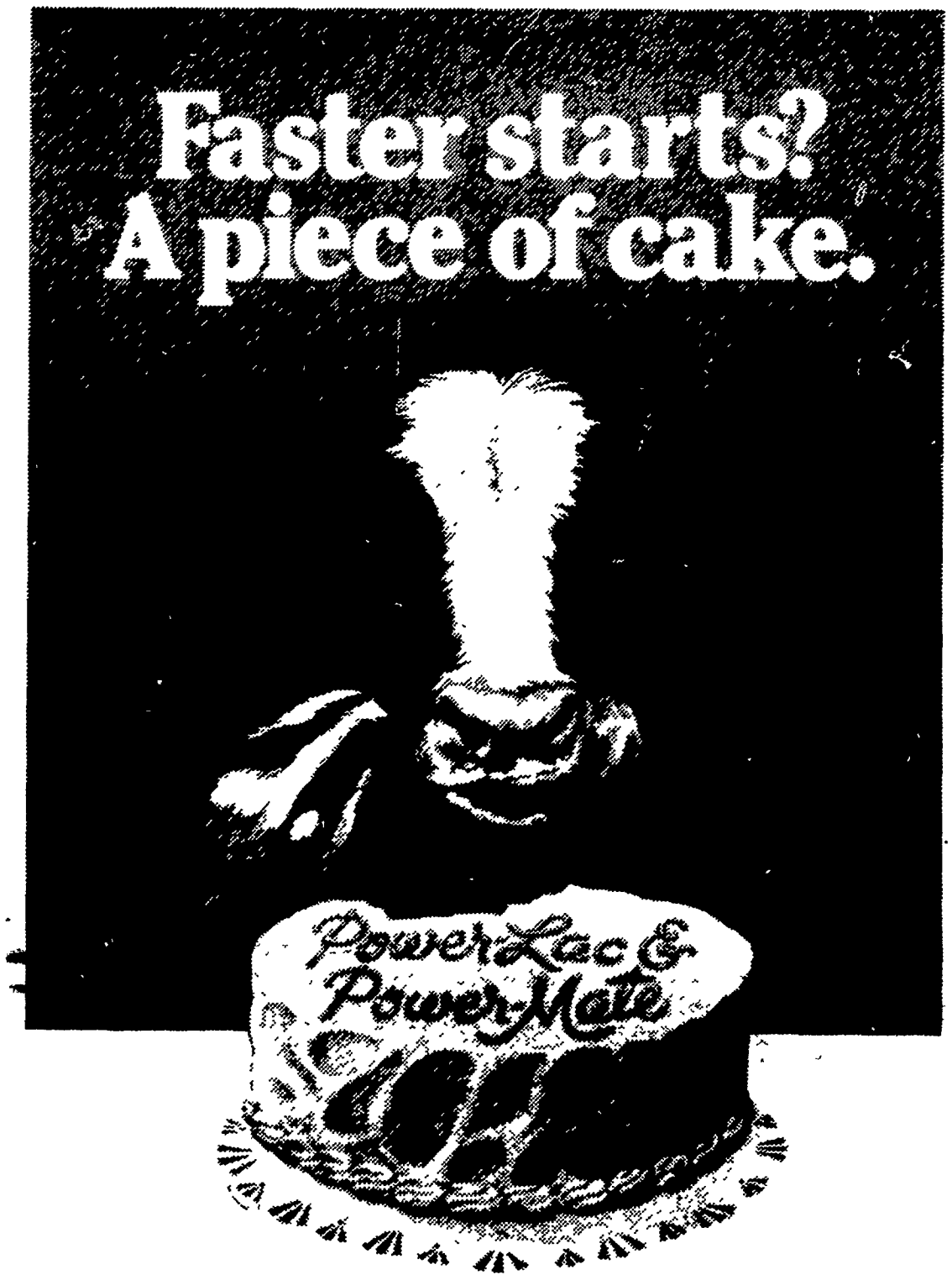


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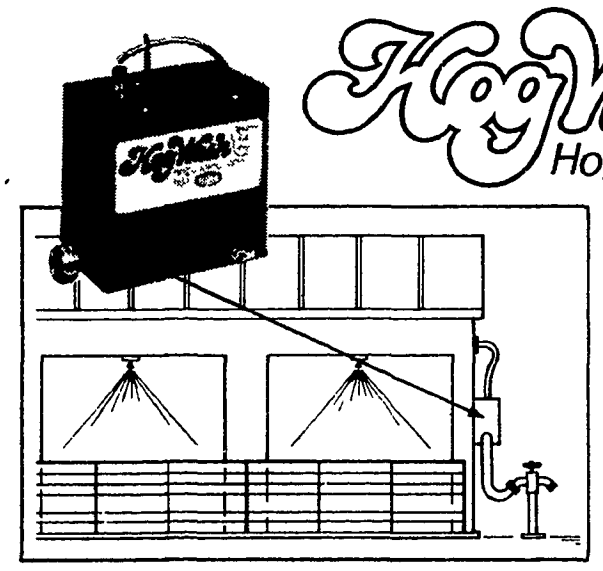

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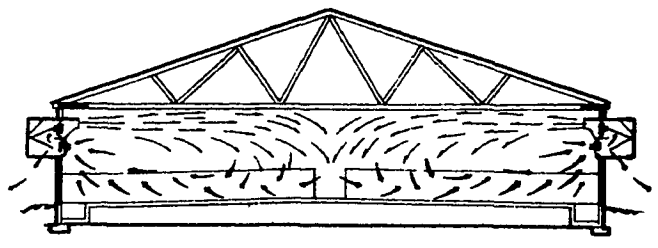

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# Farm Talk

Jerry Webb

## *Beware of brown snow*

Talk about difficult public relations jobs. How would you like the task of trying to convince a bunch of city-bred suburbanites they should really appreciate the smell of fresh cow manure being spread on farmland?

That's exactly the task Lee Cordner, a University of Vermont waste management specialist, took on. He issued a news release recently telling Vermonters that cow manure doesn't really smell all that bad, that a lot of farmers only spread a couple of times a year, and besides that — what else are Vermont farmers going to do with 3.8 million tons of that aromatic material?

Cordner points out dairy producers who are doing a really good job of manure management spread the stuff very seldom. In between times, it's stored in smell-proof containers. In that way, Cordner says the farmer is maximizing the nutritional value derived from the manure and is eliminating runoff that could pollute nearby streams and lakes.

"If a farmer were to spread manure every day of the year, some days it would have to spread in the rain or on the snow. The manure then could be washed away and nutrients could go into the water where they fertilize unwanted algae."

The specialist also eludes to a particularly messy problem for Vermonters — that of cross-country skiing on fields where cow manure has been spread. "Beware of brown snow," he cautions.

Cordner goes on to point out the special advantage of cow manure even if it doesn't smell too good. It does contain important nutrients that would otherwise be replaced with expensive commercial fertilizers that consume energy in their production.

According to the waste management specialist, it would take the equivalent of 47 gallons of gasoline to replace the nutrients that are produced by just one cow each year. And in Vermont where there are 190,000 cows, that figures out to a saving of 8.9 million gallons of gasoline.

Of course, all that doesn't change the smell of cow manure, but there are some things dairy producers can do to lessen the problem, according to Cordner. Having an on-farm storage tank is the first step. Then he's suggesting producers should only spread manure when conditions are right — that means a low relative humidity, high winds, clear sunny weather, and soils that are not frozen and are dry enough to work. He says he thinks farmers should incorporate their manure into the soil when it's spread, or immediately afterwards, and he says he feels the best time to spread is in the morning when the air is warming and rising.

And, of course, there are the obvious problems to avoid — like spreading when the wind is blowing towards the neighbor's place, or toward populated areas or heavily traveled highways, or just before weekends or holidays, when neighbors are apt to be outside.

Some dairy operations smell bad all the time and some are barely noticeable, and Cordner says he thinks it has a lot to do with the management technique of the dairy producers. Some farmers don't seem to care about manure smells, suggesting only that city folk who move to the country should expect that. And if they don't like it, they should move back to town.

But times are changing and more and more urbanites are moving to the country and they're bringing with them some environmental standards. Usually the fragrant smell of freshly spread cow manure, wafting over fields and meadows, is not included in their acceptability tolerance.

Cordner says farmers faced with such purists, who insist on complaining every time the honey wagon heads for the field, can do some other things to cure their odor problems. But they're expensive. These include pumping oxygen into manure storage areas, dehydrating the manure mechanically, and adding chemicals which must be applied in large amounts.

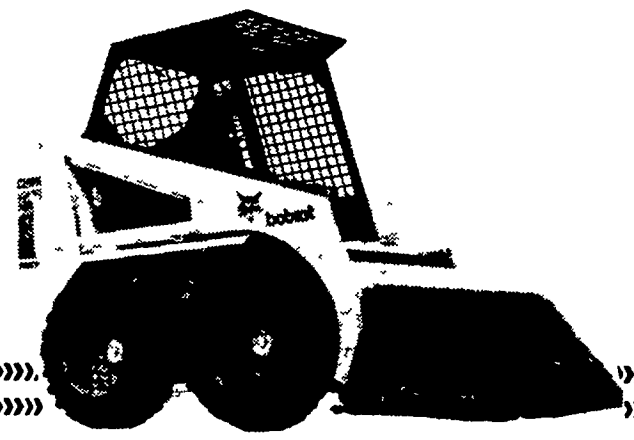
Another solution may be in the production of biogas. A successful biogas generator is already in operation on a farm near Gettysburg. These units are odor-free, and they supply methane gas which can be used on the farm as an energy source.

So maybe Cordner hasn't convinced too many rural residents that they should enjoy the fragrance of cow manure. But he does present an overwhelming reality — what else are farmers going to do with it? After all, it is a very natural process and there just isn't any way to shut it down.

Deodorizing is expensive, impractical, probably environmentally unsafe. On the other hand, the time-honored system of manure storage and distribution benefits the environment, saves energy, helps protect our food supply, and does create an occasional bad smell.

Maybe it's a trade-off that

(Turn to Page D4)

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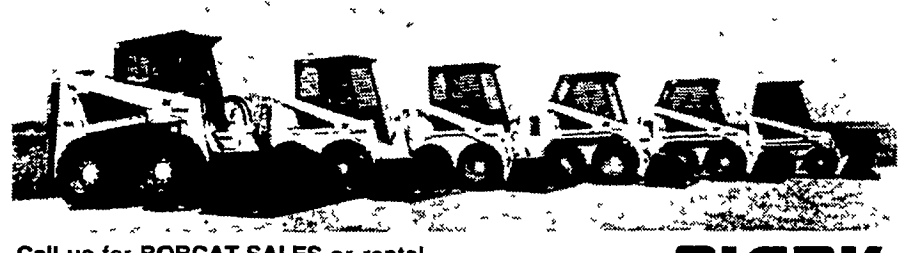

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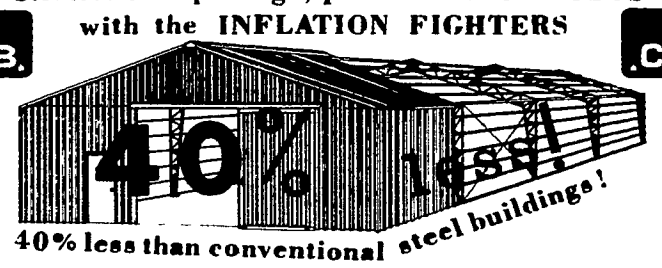


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# Hormone holds key to gypsy moth control

COLLEGE/PARK, Md. — For more than 100 years, forestry experts have been searching for ways to get rid of the gypsy moth, an Old World insect pest responsible for millions of dollars in damage to trees each year.

Now researchers at the University of Maryland's Agricultural Experiment Station have begun studies they hope will shed light on new gypsy moth control.

The studies center on the adult "eclosion" process - that point in the adult's lifecycle when it emerges or hatches from its pupal case, according to Michael C. Ma, assistant professor of entomology at the University.

It is during the eclosion process, says Ma, that insects like the gypsy moth are highly vulnerable and his research may give scientists a clue to how they might control or inhibit the "turning on" of adult behavior.

With research just under way, Ma and fellow researchers have found the gypsy moth's brain houses a hormone which triggers the onset of eclosion. The concept of a hormone triggering mechanism was first discovered by James Truman of the University of Washington in the Chinese silkworm moth.

"The eclosion hormone acts as a key that unlocks virtually all adult behavior in the gypsy moth," states Ma.

"Morphologically, the gypsy moth is an adult while it is in its pupal case at least two or three days before eclosion.

But without the release of the trigger mechanism, the moth will not take on adult behaviors such as flight and reproductive activities," he said.

By understanding the release mechanism and action of the hormone, he added, scientists may be able to develop methods to interfere with, or stop, the "turning on" of adult behavior. This, says Ma, could in turn provide a means of controlling the population spread of the destructive pest.

The gypsy moth was introduced to the northeast United States in the late 1860's. It was chosen as an experimental subject, explains Ma, because since the mid-19th century it has proven to be the most ravenous of defoliating insects in the U.S.

Each year, scientists estimate the gypsy moth causes several million dollars in damage to oak, beech and maple trees in the U.S.

In addition to large dollar amounts lost through damaged trees, huge sums of money are spent each year to control or eliminate gypsy moth populations.

Ma says he hopes his research will contribute significantly to a total integrated pest management program for the gypsy moth.

# Farm Talk

(Continued from Page D3)

farmers and rural residents must accept. If we're going to have animal agriculture, and to the consumer that means meat, milk, eggs, wool, and some other products, we're going to have manure. There just isn't any other way. Surely the occasional smell of a properly managed animal unit is worth the end products we consume

# Prevent tractor overturns

NORRISTOWN — There are four major causes of overturns when driving a tractor or any other type of farm machinery, says Joseph H. Way, Montgomery County Agricultural Agent.

One major cause of overturns is raising a load higher than the center of gravity of the equipment. To avoid this, there are four precautions that can be taken. Use wide front ends, and keep your attachments low when using them. Always use proper weights and ballasts, and remove the attachments when they are not being used.

Centrifugal force is the second cause of overturns. This occurs when a sharp turn is made at a high speed and the tires become pivot points, causing the vehicle to turn over. Way recommends idling down before making sharp turns and keeping brakes evenly adjusted.

Overturns also occur when a vehicle is being used to pull a stationary object, such as a log or tree stump. This "rear axle torque" results in a backward flip. Operators can avoid this accident by not blocking the wheels when stuck and always backing out of holes. Another precaution is to avoid popping the clutch and sudden starts

Improper hitching also can cause overturns. When a heavy load is hitched, the front end can be lifted off of the ground and the vehicle can flip backwards. To prevent this, remember to keep the drawbar at the recommended level, hitch only to the drawbar, and use the proper ballasts and weights.

Way reminds tractor operators that the few minutes needed to take safety precautions may save valuable time, energy, and human resources in the long run.

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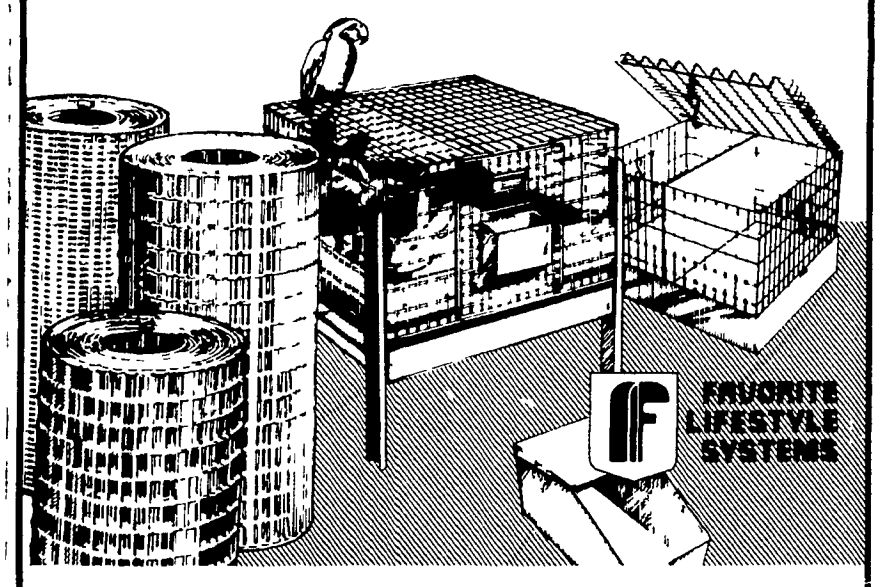


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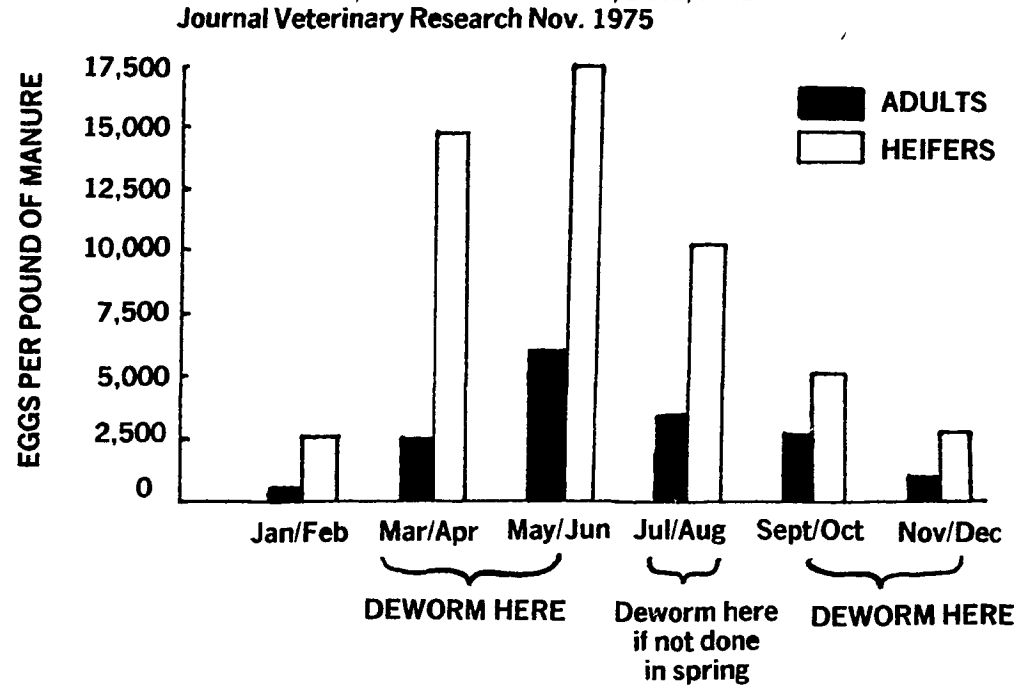


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# ADSA honors members

BATON ROUGE, La. — The American Dairy Science Association honored 13 distinguished members at the 76th Annual Meeting at Louisiana State University, the week of June 28.

George W. Reinhold

George W. Reinhold, Leprino Foods Company, was awarded the Distinguished Service Award which recognizes unusually outstanding and consistene contributions to the welfare of the dairy industry through leadership.

A native of Pennsylvania, Reinbold, received his B.S. from Pennsylvania State University and his M.S. and Ph.D. from the University of Illinois. He held positions in industry with responsibilities for research and development in microbiology of dairy products with particular emphasis on cheese. From 1959 to 1974 he was Professor of Dairy Microbiology at Iowa State University.

In 1974 he returned to industry as Vice President for Research and Development, in addition to serving as Affiliate Professor of Dairy Microbiology at Colorado State University.

He has been author or coauthor of over 125 papers and articles, three books and he has been issued four patents of significance to cheese production.* His concern with the microbiology of foreign cheese, their starter cultures, and curing the flavor has taken him to Norway, Switzerland, France, Finland and West Germany.

Robert P. Niedermier

Robert P. Niedermier, former ADSA president, was the 1981 recipient of the ADSA Award of Honor. The award recognizes a member who has made unusual contributions to the welfare of the ADSA.

Niedermier joined the ADSA as a graduate student at the University of Wisconsin in 1940. After serving in the U.S. Navy from 1942 to 1946, he again became active in the Association while completing the Ph.D. degree. His leadership and personal contributions to ADSA began with committee assignments when his university hosted the 1953 Annual Meeting of the Association. Since that time he has served the Association continuously as a member of one or more committees followed by service as Director, Vice President in 1975 and President in 1976.

He represented the ADSA well on the Council of Intersociety Presidents and now serves as ADSA representative on the Board of the Council of Agricultural Science and Technology.

As Chairman of his Department for the past 19 years, he has made significant contributions to the dairy industry throughout the nation and world. He served as President of the Dairy Shrine Club and represented the ADSA in consultations with the World Dairy Federation.

Robert L. Bradley, the Milk Industry Foundation Teaching

Robert L. Bradley

Award which recognizes outstanding teaching in the field of dairy manufacturing.

Bradley, a food service professor at the University of Wisconsin has been a leader in establishing and expanding a highly successful internship program and has been largely responsible for maintaining and upgrading the University Dairy Plant which he feels plays an essential role in the training of students.

He is actively pursuing the reestablishment of a dairy processing curriculum to be offered as an option within the framework of the food science program.

Winner of the Borden Award, Thomas Richardson, obtained initial academic training in pharmacy, receiving a baccalaureate in that subject from the University of Colorado in 1954.

At University of Wisconsin, he completed requirements for the

(Turn to Page D6)

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# ADSA awards

(Continued from Page D5)

Thomas Richardson

masters degree in veterinary science and the doctorate in biochemistry in 1956 and 1959, respectively.

Richardson has produced in excess of 125 journal articles in the past 22 years on the chemistry and biochemistry of proteins, lipids and enzymes in food systems; most of this research has been with milk and milk products.

The Borden Award recognizes outstanding research in dairy production or manufacturing that contributes to improvement or care of dairy cattle, development and improvement processes, products, equipment, methods, handling and sanitation.

The 1981 recipient of the American Feed Manufacturers Award, William Chalupa is a

William Chalupa

renowned ruminant nutritionist whose reputation has been built on sound scientific research accomplishments.

He .received his B.S. degree (1958), M.S. degree (1959), and Ph.D degree (1962) in animal nutrition from Rutgers University Chalupa joined the faculty of the Dairy Science Department at Clemson University as an assistant professor with both teaching and research responsibilities. He was a visiting scientist at the Animal Research Laboratory, U.S.D.A., Beltsville, during 1969-70. After eight years at Clemson University, he moved to Smith Kline Corporation as Senior Investigator in the Animal Research Division and later advanced to the position of Manager-Rumen Research.

In 1976, the recipient was appointed Associate Professor of Nutrition in the Department of Clinical Studies in the School of Veterinary Medicine, University of Pennsylvania. He was promoted to Professor of Nutrition in 1980.

He serves on the editorial board of the Journal of Dairy Science, and the National Research Council-Subcommittee on Nitrogen Usage in Ruminants.

The Award is presented to stimulate research in dairy cattle nutrition.

Barney Harris, Jr.

The 1981 Alfa-Laval, Inc., Award recipient, Barney Harris, Jr. is a native of Prescott, Arkansas, with AA degree from Southern Arkansas University, BS from Oklahoma State University, MS from Louisiana State University and a Ph.D. in Dairy Nutrition from Oklahoma State University in 1963.

He served as a food inspector in the Army Veterinary Corps from 1956 to 1958 and as a dairy instructor at Southern Arkansas University, Magnolia, from 1958 to 1960. After completing his graduate studies, he has been employed as an Extension Dairyman for the last 18 years, and has been Extension Dairy Project Leader since 1970

The Alfa-Laval Award recognizes contributions for dairy extension in the broad areas of production, manufacturing, marketing and youth work

T.A.J. Payens

The receipient of the first Miles-Marschall International Dairy Science Award was selected from a long list of noted world scientists residing outside of North America.

T.A.J. Payens trained as a physical and physiological chemist His career activities brought him to the United States for one year's post-doctorate research in 1965 at the University of Illinois. Presently, he is the research officer and the head of the physical and physiological chemistry department at the Netherlands Institute for Dairy Research, Ede, Netherlands.

The Miles-Marshall Award recognizes accomplishments in research and development outside the USA and Canada in chemistry, biochemistry, technology and engineering pertaining to the dairy foods industries.

W. Nelson Philpot

The West Agro Chemical Company Award, a tribute to outstanding research of milk quality as affected by control of mastitis, management of milking, and practices in the production of milk, was awarded to W. Nelson Philpot.

He received his Bachelor of Science in Dairy Production in 1957, Master of Science in Physiology of Reproduction in 1958, and Doctor of Philosophy degree in Animal Production and Microbiology in 1964 from Oklahoma State University.

He joined the faculty of Louisiana State University as assistant professor in 1959, was promoted to associate professor in 1964, full professor in 1975 and

(Turn to Page D7)


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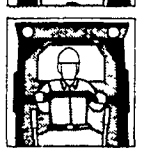
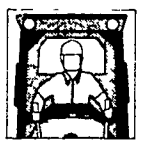
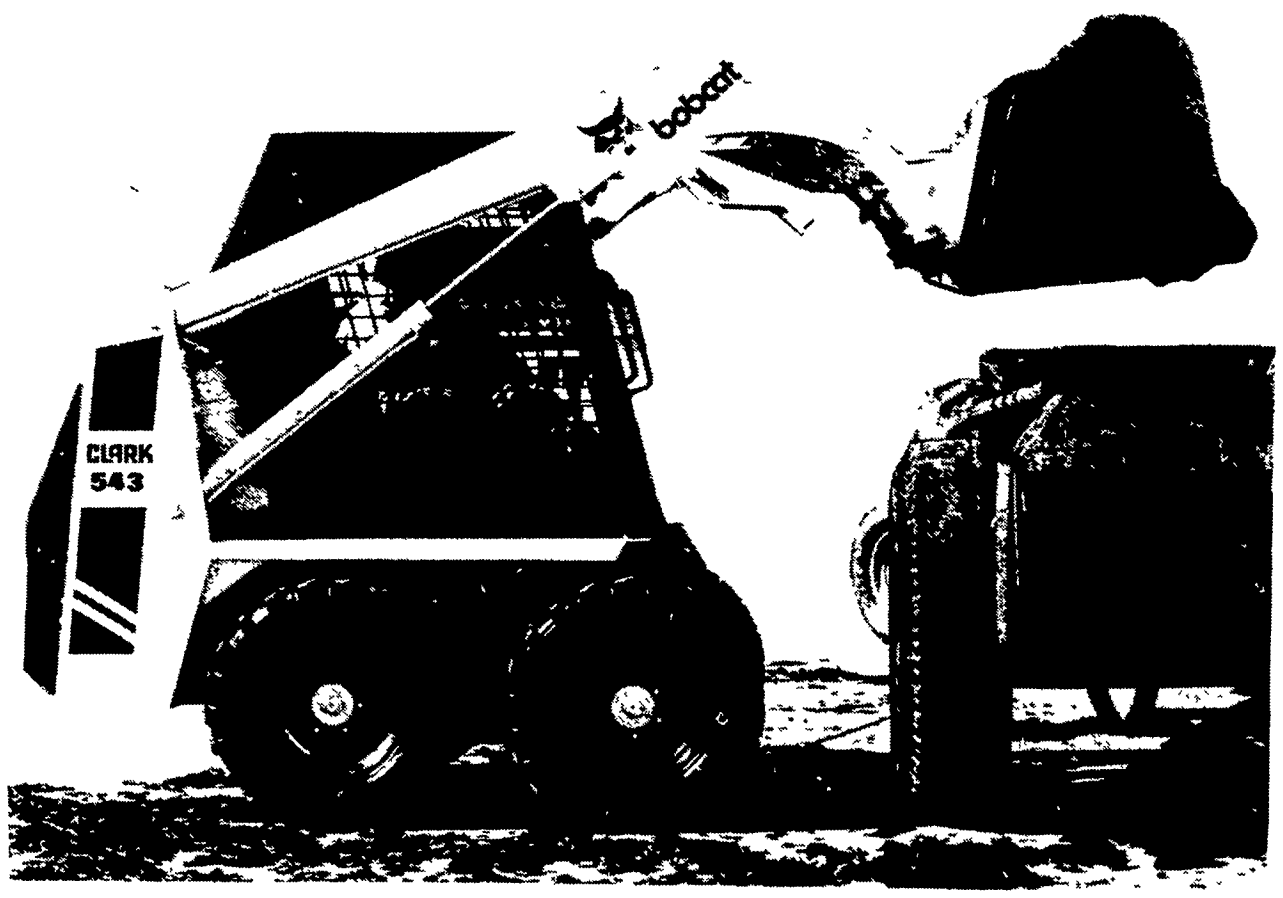


Seat bar allows adequate body clearance for range of operator sizes Bar is quickly easily pulled down by hand and secured at waist level providing additional restraint protection that prevents operator from falling forward



With bar in place, spring lock is disengaged, activating foot pedals which operate loader hydraulics Foot pedals are locked when bar is in UP position, preventing lift arms from moving

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# ADSA awards

(Continued from Page D6)

superintendent of the North Louisiana Hill Farm Experimental Station in 1980.

He is a member of the American Dairy Science Association since 1956 and of many other professional organizations. He has 284 technical and popular publications to his credit. He was honored by Southern Arkansas University in 1970 and by Oklahoma State University as "Graduate of Distinction" in 1980.

Poul M.T. Hansen

The Dairy Research Foundation Award was given to Paul M. T. Hansen, Professor of Food Science at Ohio State University, in recognition of outstanding research pertaining to dairy industry problems.

A native of Denmark, Hansen's early work on the solubility of chocolate flavor led to the development of a spectroscopic method for measuring the chocolate content of dairy products. His studies on the effect of heat on milk protein interactions has contributed to our understanding of the properties of sterile concentrated milk and milk products. His studies on sterile products led to an investigation of amino sugars and their role in product stability, potential nutritional importance and usefulness as indicators of heat treatment.

William Thatcher

The 1981 recipient of the Upjohn Physiology Award William Thatcher received his B.S. and M.S. degrees from the University of Maryland and his Ph.D. degree from Michigan State University in 1968. Immediately upon graduation he joined the faculty at the University of Florida and has been involved in research and teaching at that institution since that time.

He has developed a most active research program which has resulted in 29 journal articles and 38 research papers at scientific meetings in the past 5 years. His research work has largely concentrated in four areas: Ovulatory control, stress effects on reproductive function, reproductive management and embryo development and conceptus-maternal interactions.

David A. Wieckert

David A. Wieckert the 1981 recipient of the Ralston Purina Teaching Award is a master teacher. Former students have described him as dedicated, respected, enthusiastic, an inspiring leader, and a teacher who takes a personal interest in students.

After a 2-year tour as a food inspector in the U.S. Army, Wieckert returned to earn master's and doctoral degrees at the University of Wisconsin in 1956 and 1963, respectively. His employment during those graduate years included extension youth work in Wisconsin, a teaching appointment at Southern Illinois University, and a stint as a Fulbright Scholar at Massey Agricultural College in New Zealand. He joined the faculty of the Department of Dairy Science at Wisconsin as assistant professor in 1963, and was promoted to associate professor in 1967 and to professor in 1970. He has been a member of ADSA for 22 years, and he chaired the Education Committee in 1971-72.

Abele Kuipers

The Richard M. Hoyt Memorial Award was presented annually by the National Milk Producers Federation to Abele Kuipers, a graduate student whose research efforts have direct application to the solution of significant problems facing the dairy industry.

A native of Roordahuizum, Friesland, the Netherlands, Kuipers received a B.S. in Animal Science from the Netherlands Agricultural University in 1969 and then an M.S. from the same institution in 1972.

Kuipers has authored or coauthored 16 publications and has recently completed his Ph.D. in Dairy Science under the direction of Dr. George E. Shook, University of Wisconsin - Madison. He is currently serving as Scientist at the Research and Advisory Institute for Cattle Husbandry in Lelystad, the Netherlands.

The 1981 winner of the Pfizer Award, Howard Morris was selected on the basis of outstanding research in the area of cheese science and technology. This individual's efforts have blended basic and applied research to make highly significant contributions in the areas of biochemistry, microbiology, process technology and product development. His interests have encompassed work on the major cheese varieties including Blue, Cheddar and Swiss.

Howard Morris

Morris received his Bachelor's degree from Utah State University and the Master's and Doctorate degrees from the University of Minnesota. He joined the staff of the University of Minnesota as Teaching Assistant in 1946 and has served that institution continuously since that date with the rank of Professor since 1960. His research and studies have involved sabbatical terms in Europe, the United Kingdon, Wales and New Zealand. In addition to A D.S.A. he is a member of American Association for the Advancement of Science, American Association for Microbiology, Institute of Food Technologists and the International Association of Milk, Food, and Environmental Sanitarians.


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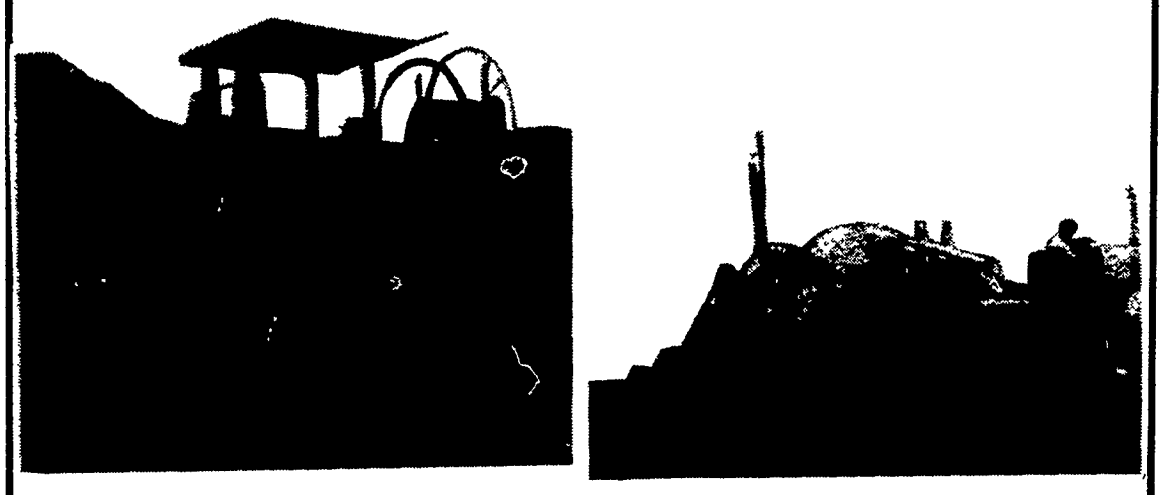

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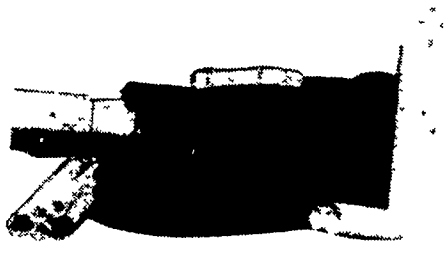

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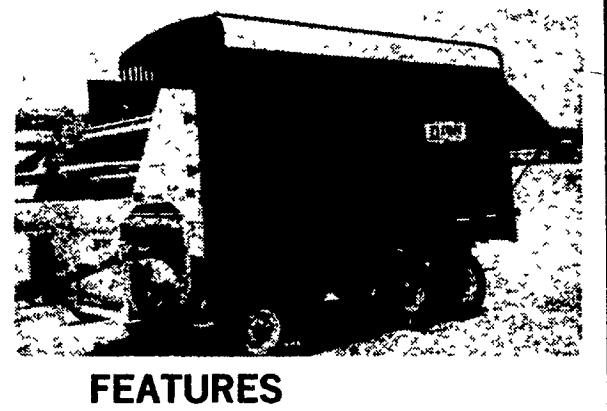

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## Inter-State's Outstanding Young Cooperators

# Dairy diplomats promote and push to peddle product

BY DONNA TOMMELLEO

NARVON — When Jere and Jan Skiles were selected to represent their district at Inter-State's Outstanding Young Cooperators Contest, last month they didn't know what to expect.

The Narvon couple didn't know they'd have to speak in front of more than 50 people. They didn't know their topic could range from dairy legislation to economics And they didn't know that 19 other young couples, eager to promote the industry, were the competition.

About the only thing they were sure of, explained Jan, was a two-day vacation at the Hunt Valley Inn, Md., the competition site.

Jere and Jan waited and listened while a half-dozen couples took the podium in turn and discussed cooperative operations, adulteration policies and energy-saving goals.

Finally, they took the platform and fielded a question that asked for a dairy farmer's obligation to promotion — an emotionally charged subject for the couple.

The jitters evident in some participants, never surfaced in the zealous Skiles. They called for teamwork and urged producers to make contributions for advertising. Jere cited a New York survey that reported a two-fold increase returned for every dollar contributed.

Their soapbbox sermon was good enough for the judges and as a result Jere and Jan, Inter-State's Outstanding Young Cooperators for 1981 will attend the National Federation of Milk Cooperatives Convention in Las Vegas this November.

In the absence of judges and participants at their farm, Pequea-Meadows, the couple is no less enthusiastic when it comes to promoting their product.

Jere, 25, says he is pleased with the latest ads from UDIA which include the co-sponsors Foster-Grant, MacDonald's and Py-Co-Pay toothpaste. He admits the co-sponsor approach to promotion can be economical as well as effective.

"If we're not going to spend millions to compete, we've got to ride their (larger sponsors) coatails. We've all got to work together."

Effective advertising, Jere says, could remedy the current surplus problem.

"I'm not so sure that maybe we haven't created a problem (surplus) with the base system," he says although he admits the base sytem does have merit.

Jan, 22, also a strong advocate for promotion is assistant manager at a local fast-food restaurant. She explains the milk sales are only one-third of total beverage.

Her restaurant sells only 10 to 12 cartons of milk on an average weekend day which attracts about 1200 customers.

However, Jan admits she's pleased the milkshakes are complete dairy products, unlike shakes of many fast-food chains.

The Skiles explain that promotion can be as simple as word of mouth.

"You've got to talk to your city friends and verse yourself well enough to explain the industry," Jere emphasizes.

"Relate to them and make them want the product."

Jere suggests promoting milk components, such as protein, as well as the whole product.

Eager to practice what they preach, the couple have hosted many groups at their 284-acre farm.

Jere studied dairy herd management at Wisconsin Indianhead Technical Institute. After graduating in 1976 he returned to Pequea-Meadows and entered into a 50-50 partnership with his father Kenneth.

At that time the Skiles expanded their operation from 40 to 72 Holsteins. They added a tree-stall, double four straight-sided parlor and began feeding a total mixed ration.

"We do less work with 72 head than we did before," Jere explains.

Except for Timothy hay for the dry cows, the father and son team ensile the remaining hay crop.

The Skiles keep careful tabs of their ration and sample forage every time they think it changes, says Jere.

Just as they adapt to ration and forages changes, the Skiles keep up with the progressive dairy industry. Jere explains that his father was one of the first people in the area to start on-the-farm A.I. more than 10 years ago.

They superovulate the outstanding individuals in the herd and have pending contracts for 12 bull calves, says Jere. The black and white herd which is 85 percent registered has a rolling herd average of 17,075 lbs. milk and 647 lbs. fat.

Fly control, which can be a sore spot on many farms, is a "fight fire with fire" method at Pequea-Meadows.

For $50 a year, the Skiles purchase predator flies from California and turn them loose on their earthen bank manure storage.

The small predator flies, lay their eggs inside the eggs of nuisance insects and destroy the larvae.

The Pequea-Meadows work force consists of Kenneth, Jere and a neighbor boy who helps with the milking and Jan is ready to milk in a pinch if needed.

Although she's not from a farm background, Jan, a native of Parkesburg, Pa., finds country life peaceful and rewarding.

Married a little over a year, the Skiles are members of the Parkesburg Baptiste Church and are active in the Pequea-Valley Jaycees.

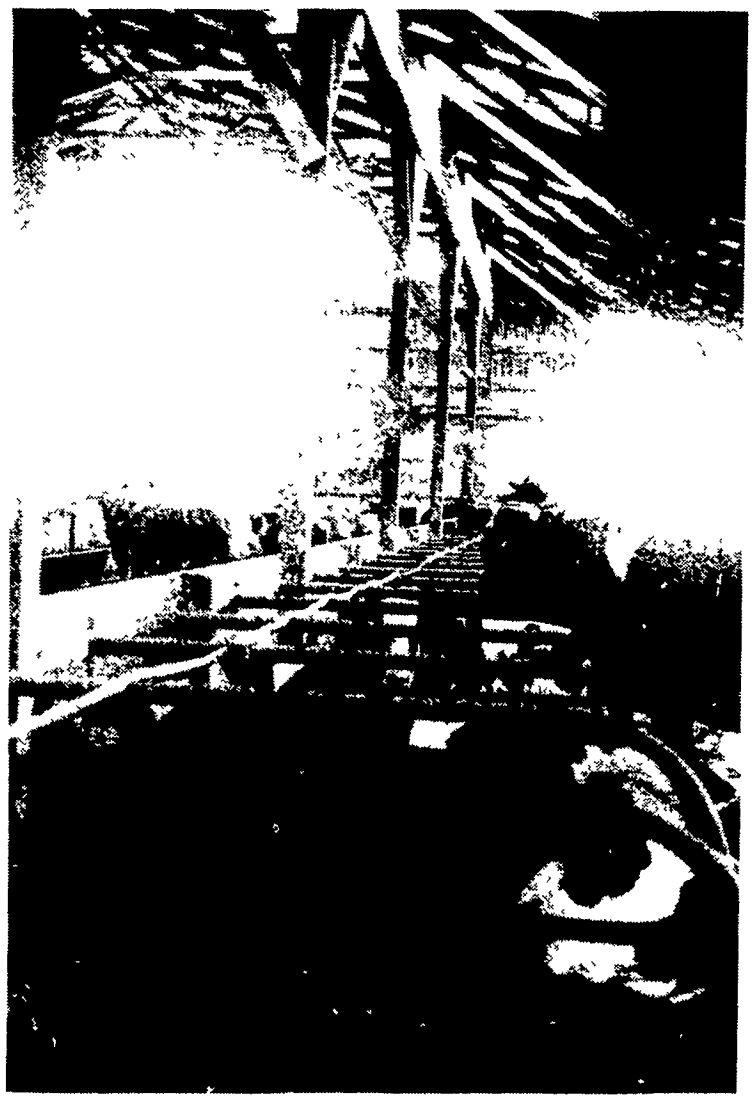
Jere is vice-president of their local co-op, New Holland-Leola and a board member on the Lancaster County Extension Board. The active couple also belongs to the Pennsylvania Farm Association and the Lancaster County Farm Association.

Jere and Jan are looking forward to the Las Vegas trip not only for the R & R aspect but also for the education.

"We hope to get a total picture of the dairy situation on a national level," Jere says.

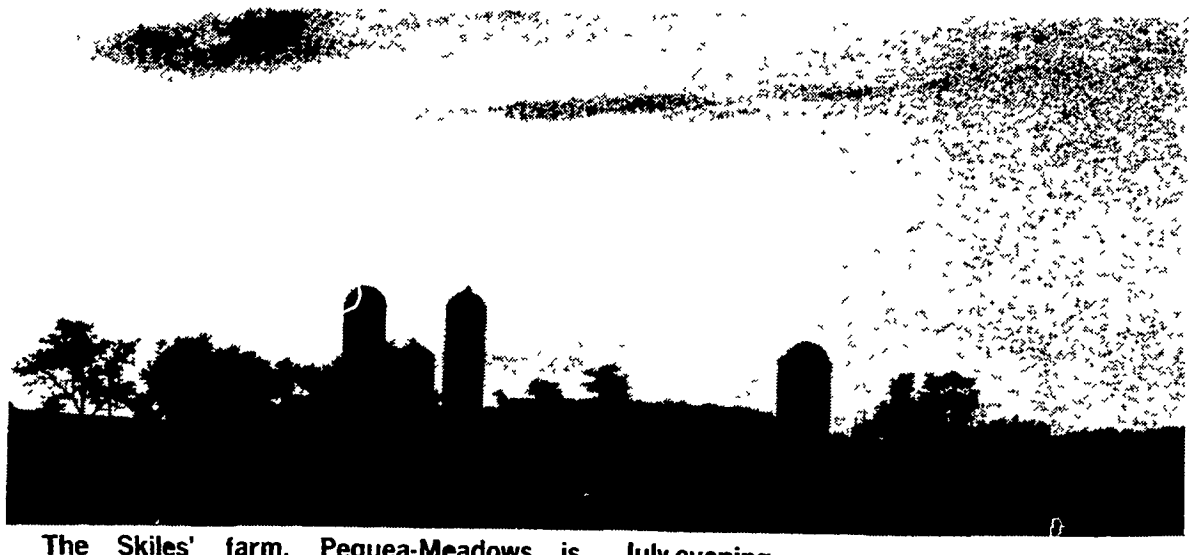
The Skiles may have won a trip in November but the true winner is the dairy industry which will benefit from the progressive and postive attitudes of these two eager ambassadors.

**Inter-State's Outstanding Young Cooperators, 1981, Jere and Jan Skiles, Narvon, will be attending the National Federation of Milk Cooperatives in Las Vegas, Nevada this November.**



**The free-stall barn, which houses the 72-cow herd, is one of the additions that resulted from the Skiles' 1976 expansion.**

**The Skiles feed a total-mixed ration with the help of this tumbler mixer, one of only a few in the nation.**



**The Skiles' farm, Pequea-Meadows is silhouetted in the waning moments of a cool July evening.**

# Protectionist attitudes limit pork exports, says NPPC

DES MONINES, Ia — Pork producers and NPPC continue to be concerned about the accessibility of foreign markets for pork.

At a recent hearing of the subcommittee on Development Operations, Research and Foreign Agriculture of the House Agriculture Committe, John Saunders, president of NPPC submitted a statement on behalf of the over 100,000 pork producer members.

Saunders' statement centered around three general areas of concern: export opportunities, problems associated with identified opportunities and a desire for dependable guaranteed access to foreign markets.

"On a long-term basis," said Saunders, "market access must be the predominant attitude of all meat trading nations or blocs of nations rather than the continued limitations provided by quantitative restrictions, tariffs, levies, protectionist attitudes, or the inconsistencies of sanitary regulations and documentation."

Foreign marketing of pork in particular has been restricted because of nontariff trade barriers in the past. Saunders indicated purely political or protectionist attitudes have limited the export of pork.

Two areas of the world which the U.S. feels are immediate pork customers are Japan and the Caribbean/Venezuelan area. Saunders' pointed out that the Japanese "Law on Stabilization of Livestock Product Prices" has, in effect, created a subsidy program for the Japanese beef, pork and dairy industry and also served to limit the accessibility of the Japanese market to foreign imports.

In Venezuela a tremendous demand for pork and a severe shortage of domestically produced product has been identified by importers and processors. The government there also chooses to limit imports by granting import licenses based not upon demand but on government control.

Saunders summarized by saying pork is in demand throughout the world and the U.S. product has a favorable connotation. "We need to do all we can so that our U.S. exporters and packers will be encouraged to take part in developing and promoting U.S. exports of pork."

# *Tested boar sale coming August 26*

STATE COLLEGE — Pennsylvania swine producers will have an opportunity to participate at the Fourth Pennsylvania Performance Tested Boar Sale, August 26.

The sale, which features the top 60 of 80 boars presently on test, will be held at the Department's Meat Animal Evaluation Center in State College, beginning at 6 p.m. Berkshire, Landrace, Hampshire, Spotted Swine and Yorkshire herds will be included.

The testing program is sponsored by the Pennsylvania Department of Agriculture in cooperation with Penn State and the Pennsylvania Pork Producers Council.

Sale catalogs are available by writing the Pennsylvania Department of Agriculture's Meat Animal Evaluation Center, 651 Fox Hollow Road, State College, Pa. 16801, or by calling 814/238-2527.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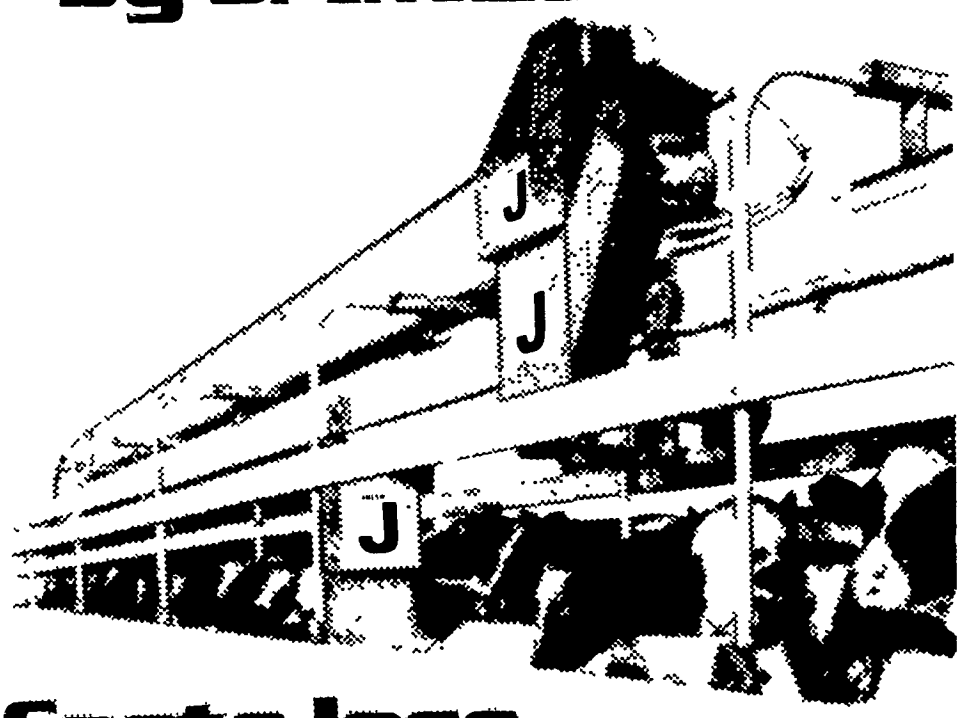


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# Del. marketing specialist forecasts uncertain grain outlook

NEWARK, Del. — "Farmers may want to hold up on further grain sales until the fate of this year's corn and soybean crops is determined," says University of Delaware Extension crops marketing specialist Carl German.

Conditions a month ago indicated a record corn crop, but the picture has changed a lot since then.

"We don't have a definitive new crop production estimate yet on corn," he says, "but you can expect a considerable reduction in the size of the estimated yield in the next report."

Soybean yields may also be somewhat reduced, but it's too soon to look for substantial reductions in this crop. Rain could still benefit this more drought-resistant crop, says the specialist.

According to estimates of the Delaware-Maryland Crop Reporting Service, Delaware farmers planted about 196,000 acres of corn - 188,000 acres of this for grain. This is about 2 percent higher than last year. They planted about 265,000 acres of soybeans.

The June 26 grain stocks report indicates corn supplies of 637,000 bushels stored on Delaware farms as of June 1 - 21 percent below the year-earlier level of 800,000 bushels. Off-farm corn stocks amounted to 2.76 million bushels - 16 percent below last year.

The same report indicates 364,000 bushels of soybeans in storage on Delaware farms - 45 percent below last year's level of 660,000 bushels.

"All of this suggests holding back on further sales right now," German says.

German says he thinks the national corn crop forecast of 7-1/2 billion bushels may be somewhat optimistic due in large part to the lateness of planting in the eastern part of the Corn Belt this year. The national soybean crop for 1981 is estimated roughly at 2 billion bushels, based on acreage planted.

Farmers should have a better idea of the supply situation on the Eastern Shore when the next Delaware-Maryland Crop Report comes out. It is scheduled for release August 9 or 10.

# Guernsey breeders schedule field day

LANCASTER — The Lancaster County Guernsey Breeders will hold their annual field day on August 4 at 10.30 a.m. at Romella Farms in Strasburg.

The field day will include the judging of three classes of Guernsey cows for which prizes will be awarded. William Fredd, Quarryville, a former Vo-Ag teacher at Solanco will officiate the classes and will double as the afternoon speaker for the event.

Directions to Romella Farms; take Route 222 to Hessdale, and turn east on to Bunker Hill road. Travel to Sandstone road and turn right, Romella farms is the first farm on right.

For more information or further directions contact: Ken Garber, field day chairman 717/464-2894.


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## July 1981 USDA Sire Summary

**7 Holstein Sires + 2,000 lbs. Milk**
**12 Holstein Sires + $200 Product Value**

| CODE NO. | CODE NAME | $$ | MILK | % | FAT | RPT | PDT | RPT |
|---|---|---|---|---|---|---|---|---|
| 29H3303 | Eric | +256 | +2,241 | -.10 | +65 | 42% | | |
| 29H3064 | Jason | +254 | +2,144 | -.06 | +68 | 72% | +1.30 | 75% |
| 29H3161 | Print | +251 | +2,062 | -.04 | +69 | 72% | -.44 | 74% |
| 29H3085 | Elmer | +246 | +1,892 | +.03 | +73 | 67% | +.11 | 68% |
| 29H2851 | Valiant | +240 | +1,908 | +.00 | +69 | 73% | +2.45 | 70% |
| 29H3105 | Milmay | +237 | +1,835 | +.02 | +70 | 65% | +1.50 | 55% |
| 29H4000 | Columbus | +236 | +2,201 | -.16 | +54 | 28% | | |
| 29H3815 | Milkmaster | +232 | +1,834 | +.00 | +67 | 56% | +1.81 | 51% |
| 29H3820 | Dairyman | +212 | +1,665 | +.01 | +62 | 52% | +1.54 | 54% |
| 29H3635 | Tannsen | +207 | +1,773 | -.07 | +54 | 42% | -.45 | 38% |
| **TOP 10** | **AVERAGE** | **+237** | **+1,956** | **-.02** | **+65** | **57%** | **+.98** | **61%** |
| 29H2960 | Sexation | +204 | +1,497 | +.06 | +64 | 69% | +2.38 | 66% |
| 29H2969 | Marvin | +200 | +1,822 | -.11 | +48 | 66% | +.95 | 64% |
| 29H3098 | Dynamo | +196 | +1,706 | -.08 | +50 | 68% | +1.63 | 68% |
| 29H3124 | Harvue | +195 | +1,786 | -.12 | +46 | 69% | -.31 | 70% |
| 29H2510 | Demand | +193 | +2,173 | -.31 | +29 | 99% | +.70 | 99% |
| 29H3130 | Tempest | +193 | +1,545 | -.01 | +55 | 66% | -.49 | 71% |
| 29H2856 | Brook | +189 | +1,773 | -.13 | +43 | 64% | -.99 | 62% |
| 29H2794 | Over Arch | +189 | +1,530 | -.02 | +53 | 76% | -.93 | 70% |
| 29H2811 | Chris | +179 | +2,030 | -.30 | +26 | 87% | +.09 | 80% |
| 29H2847 | Money Maker | +179 | +1,969 | -.26 | +29 | 73% | +1.27 | 70% |
| **TOP 20** | **AVERAGE** | **+214** | **+1,869** | **-.08** | **+55** | **65%** | **+.67** | **67%** |
| 29H2905 | Cal | +177 | +1,767 | -.18 | +36 | 84% | +.00 | 81% |
| 29H3158 | Twilight | +177 | +1,285 | +.06 | +56 | 72% | +.79 | 74% |
| 29H2786 | Mars | +174 | +1,716 | -.17 | +36 | 87% | +1.79 | 69% |
| 29H3093 | Grand Slam | +171 | +1,127 | +.12 | +59 | 77% | +1.00 | 78% |
| 29H3845 | Radar | +169 | +1,568 | -.11 | +39 | 56% | | |
| 29H3081 | Henry | +169 | +1,306 | +.02 | +50 | 65% | +.64 | 68% |
| 29H3212 | Engineer | +168 | +1,510 | -.09 | +41 | 58% | | |
| 29H3117 | Radium | +168 | +1,385 | -.03 | +46 | 66% | -.45 | 67% |
| 29H3006 | Checkmate | +167 | +1,661 | -.17 | +34 | 82% | +.69 | 80% |
| 29H3029 | Luminous | +167 | +1,547 | -.11 | +39 | 74% | +1.23 | 73% |
| **Top 30** | **AVERAGE** | **+200** | **+1,742** | **-.07** | **+51** | **68%** | **+.69** | **69%** |

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# The 1981 Active AI Sire Summary

LANCASTER — Dairy producers who are looking for genetic improvement and ways to achieve it have a valuable tool available in this year's U.S. Department of Agriculture's and Dairy Herd Improvement Association's Sire Summary.

The Active AI Summary now includes milk component summaries, which follow the traditional Active AI listing. Summaries for solids - not fat, SNF, and protein are included for a bull if his summary has a repeatability of 40 percent or more.

Summaries have been calculated on all bulls reported active by artificial insemination organizations as of July 22, 1981, whether or not any new information was reported.

Predicted difference for dollars, PD$, is based on a milk price of $12.40 per hundredweight of milk with 3.5 percent fat and differentials of 16.2 cents for fat, 8.4 cents for SNF, and 12.0 cents for protein. This was the U.S. average milk price for 1980, minus the average hauling assessment.

The PDs for fat percentages were calculated using breed averages of USDA-DHIA Milk Components Sire Summary, U.S. Department of Agriculture Production Research Report No. 178, March, 1979.

Sires are listed by breed as follows:

## Ayrshire

| REGISTRATION NUMBER | NAME OF BULL | S T D | NO OF HRDS | EFF DAU /HD | DAUGHTERS REC/ DAU | DAUGHTERS AVERAGES MILK | DAUGHTERS AVERAGES % | DAUGHTERS AVERAGES FAT | % 1ST CUL | % 1ST RIP | MILK (1-R) *GA | RPT % | PREDICTED DIFFERENCES PD74 MILK | PD74 % | PD74 FAT | PD74 $$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 128211 | MILAWAY ALBI | 9 | 152 | 9 | 2.5 | 12.381 | 4.0 | 493 | 13 | 7 | +29 | 95 | +533 | +.04 | +26 | +78 |
| 130174 | MAR-RAL FICKLES BOY | 9 | 232 | 8 | 2.2 | 12.295 | 3.8 | 467 | 13 | 9 | +13 | 96 | +757 | -.13 | +15 | +75 |
| 130772 | ANCHOR MERE JUMBO | 29 | 61 | 7 | 1.7 | 13.636 | 3 8 | 515 | 10 | 38 | +91 | 83 | +1401 | -.09 | +45 | +167 |
| 131142 | OAK RIDGE COMMANDERS STAR | 9 | 169 | 16 | 2 5 | 11.965 | 3 9 | 468 | 9 | 7 | +26 | 95 | +722 | -.08 | +20 | +81 |
| 132662 | REIDINA DAWNER GALLANT MAN | 9 | 54 | 7 | 2.0 | 12.904 | 3 9 | 508 | 9 | 12 | +48 | 84 | +1313 | - 02 | +49 | +168 |
| 134172 | FAIRDALE BETTYS GEMINI | 40 | 160 | 5 | 2.3 | 12.649 | 3 7 | 470 | 13 | 8 | +33 | 94 | +943 | -.13 | +22 | +99 |
| 134297 | MEREDITH ROSENKAVALIER | 17 | 9 | 2 | 1 7 | 13.115 | 3 7 | 491 | *** | 7 | +329 | 39 | +642 | -.03 | +22 | +79 |
| 134476 | SENELAKECA BETTY CHAD | 14 | 59 | 5 | 1 5 | 13.554 | 3 8 | 511 | 7 | 62 | +111 | 80 | +1221 | - 15 | +31 | +132 |
| 134776 | MEREDITH PETER PAN | 3 | 172 | 6 | 2 4 | 12.591 | 4 0 | 504 | 13 | 3 | +15 | 95 | +573 | + 05 | +28 | +84 |
| 134830 | LAURELLEA DAWNS BOZO | 3 | 39 | 11 | 1 9 | 13.376 | 4 1 | 550 | 12 | 9 | +125 | 77 | +200 | -.01 | +7 | +25 |
| 135371 | MEMORY LANE SOPHIAS BOY | 17 | 23 | 2 | 1 9 | 11.539 | 3 9 | 454 | 13 | 3 | -10 | 66 | +211 | + 02 | +11 | +32 |
| 135624 | HALMYRE URR SHAREHOLDER | 40 | 165 | 6 | 1 9 | 12.240 | 3 8 | 463 | 11 | 9 | -16 | 94 | +425 | - 10 | +6 | +38 |
| 135640 | WHITE AYR CHOICE HEIR | 3 | 55 | 2 | 2.0 | 12.374 | 4 0 | 494 | 9 | 0 | +102 | 81 | +354 | +.05 | +19 | +55 |
| 135765 | OAK RIDGE FLASHY FORTUNE | 15 | 55 | 4 | 1 6 | 12.036 | 4.0 | 479 | 13 | 18 | +12 | 81 | +452 | + 03 | +21 | +64 |
| 136088 | OAK RIDGE SUPER STAR | 29 | 90 | 5 | 1 5 | 12.479 | 3.8 | 477 | 6 | 25 | +64 | 88 | +716 | -.05 | +23 | +85 |
| 136605 | ELK-AYR HAGGAI | 7 | 10 | 3 | 1 8 | 13.681 | 3.6 | 486 | *** | 6 | +277 | 49 | +805 | -.18 | +11 | +72 |
| 136681 | OAK RIDGE GRETAS PREMIER | 9 | 20 | 5 | 1.4 | 12.159 | 3.9 | 476 | 13 | 36 | +219 | 60 | +811 | -.04 | +27 | +98 |

## Guernsey

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 575523 | CLEVERLANDS ZENITH | 11 | 61 | 21 | 2 1 | 13.176 | 4 2 | 557 | 10 | 8 | +19 | 86 | +834 | -.28 | +11 | +74 |
| 577154 | ATTEBROC FLASH DIVIDEND | 40 | 65 | 4 | 1 7 | 12.057 | 4 5 | 545 | 17 | 36 | -14 | 86 | +1081 | - 15 | +36 | +131 |
| 577980 | KELLOGG CHIEFS BILLY | 7 | 111 | 6 | 1 9 | 12.005 | 4 6 | 551 | 14 | 8 | +16 | 91 | +1027 | - 05 | +43 | +139 |
| 578458 | FRA HIB MARYS P TOPCAT | 27 | 67 | 5 | 1 8 | 10.416 | 4.5 | 473 | 26 | 3 | +19 | 86 | -415 | - 09 | -28 | -73 |
| 579293 | KELLOGGS T C CHIEF | 7 | 71 | 3 | 1 6 | 11.930 | 4 5 | 534 | 16 | 25 | +68 | 85 | +1131 | - 18 | +35 | +133 |
| 579850 | HAPPY HILL KING | 14 | 173 | 7 | 1.5 | 10.981 | 4.6 | 505 | 20 | 18 | +7 | 95 | +260 | - 08 | +5 | +26 |
| 579953 | OLYMPIC VIEW B MAVERICK | 7 | 387 | 10 | 1522 | 1 5 | 12.422 | 4 6 | 575 | 12 | 36 | +14 | 98 | +1184 | -.07 | +49 | +159 |
| 580204 | KELLOGG MINNIES CHOICE | 3 | 805 | 11 | 3704 | 1 5 | 12.179 | 4 5 | 554 | 13 | 23 | +4 | 99 | +1416 | - 10 | +56 | +186 |
| 580919 | HOUSLEYS DARI FAYVOR | 29 | 824 | 13 | 3744 | 1 9 | 11.201 | 4 6 | 519 | 14 | 19 | +2 | 99 | +600 | 00 | +28 | +86 |
| 581091 | WEE MANOR TOP COMMAND | 40 | 17 | 6 | 43 | 1 7 | 11.181 | 4.3 | 481 | 24 | 44 | -41 | 58 | +626 | - 26 | +4 | +49 |
| 582195 | LYRENE WISTAR DEACON | 83 | 247 | 5 | 601 | 1 2 | 11.952 | 4 7 | 558 | 15 | 63 | +22 | 95 | +699 | - 03 | +30 | +96 |
| 582397 | YELLOW CREEK DORAMOST | 9 | 92 | 8 | 300 | 2 2 | 11.002 | 4.7 | 519 | 16 | 10 | +12 | 91 | +594 | 00 | +28 | +85 |
| 582722 | MAPLEWOOD A B CHAMPIONS PRIDE | 14 | 12 | 18 | 50 | 2 0 | 11.050 | 4.7 | 518 | 8 | 27 | -47 | 51 | +486 | - 10 | +13 | +54 |
| 583450 | MESABA NANCE EXTRA | 17 | 3 | 38 | 42 | 3 2 | 12.076 | 4.1 | 500 | 0 | 0 | +93 | 33 | +411 | - 08 | +12 | +47 |
| 583550 | GRANDVIEW WISTARS FABIAN | 29 | 160 | 19 | 426 | 1 6 | 11.850 | 4.6 | 543 | 19 | 31 | +31 | 93 | +1096 | -.01 | +51 | +156 |
| 583872 | WELCOME WISTARS FANCY | 7 | 83 | 3 | 181 | 2 1 | 11.821 | 4.5 | 530 | 12 | 3 | +63 | 89 | +1005 | - 17 | +30 | +116 |
| 583873 | FALCONS WISTAR PATRICIAN | 7 | 53 | 4 | 116 | 2 3 | 12.630 | 4.5 | 572 | 11 | 23 | +56 | 84 | +1213 | - 11 | +46 | +156 |
| 585033 | MCDONALDS JEANS WINNER | 14 | 84 | 4 | 202 | 1 8 | 10.746 | 4 8 | 512 | 21 | 16 | +51 | 89 | +345 | + 09 | +25 | +64 |
| 585136 | GRANDVIEW WISTARS BART | 40 | 139 | 8 | 399 | 1 7 | 11.590 | 4 7 | 543 | 17 | 24 | +31 | 93 | +1013 | - 01 | +47 | +144 |
| 585265 | BROOKNOOK CYCLONE | 3 | 84 | 4 | 225 | 2.1 | 11.358 | 4 6 | 528 | 15 | 4 | +15 | 90 | +909 | + 03 | +46 | +136 |
| 585495 | WESTERN GLOW WISTAR PREMIER | 7 | 76 | 4 | 164 | 2.3 | 12.652 | 4 8 | 603 | 7 | 3 | +54 | 88 | +1000 | + 08 | +55 | +156 |
| 585588 | MCDONALDS TOP PILOT | 29 | 71 | 5 | 158 | 2 1 | 12.011 | 4 4 | 531 | 19 | 8 | +44 | 87 | +1287 | - 27 | +32 | +138 |
| 586569 | HORNBACK FARM PRINCE EXTRA | 29 | 50 | 2 | 88 | 1 9 | 11.629 | 4 7 | 545 | 10 | 9 | +25 | 82 | +697 | + 05 | +38 | +108 |
| 586593 | BROCKWELL B ATLANTIC | 14 | 19 | 6 | 40 | 2 0 | 13.429 | 4 5 | 609 | 6 | 6 | +224 | 63 | +846 | -.13 | +27 | +101 |
| 586710 | MCDONALDS PRINCE ROYAL | 3 | 52 | 4 | 114 | 1.7 | 11.784 | 4 4 | 516 | 13 | 13 | +15 | 82 | +991 | -.14 | +32 | +119 |
| 586731 | MAURANA WIS TELESTAR | 29 | 160 | 4 | 294 | 2 0 | 11.832 | 4 6 | 545 | 12 | 9 | +31 | 93 | +1400 | - 06 | +60 | +191 |
| 587057 | SNIDERS LASSIES DAIRY LAD | 15 | 30 | 4 | 70 | 1 7 | 11.664 | 4.6 | 536 | 17 | 8 | +36 | 74 | +974 | - 09 | +37 | +125 |
| 587076 | OLYMPIC VIEW JAMAICA | 21 | 15 | 6 | 35 | 1 8 | 13.518 | 4.7 | 633 | 7 | 12 | +252 | 58 | +856 | -.10 | +30 | +106 |
| 587134 | SUMMERFIELD SABO COUNTRY BOY | 15 | 34 | 5 | 75 | 2 1 | 10.919 | 4.6 | 498 | 14 | 0 | +33 | 76 | +506 | - 11 | +13 | +55 |
| 587372 | METZGER FARMS ROLEX | 9 | 21 | 4 | 53 | 1 8 | 10.738 | 5.0 | 539 | 2 | 4 | +189 | 68 | +890 | + 18 | +60 | +157 |
| 587525 | SPRING WALK UNCLE CHARLIE | 1 | 17 | 10 | 47 | 1 9 | 12.750 | 4.4 | 555 | 15 | 9 | +175 | 61 | +938 | -.31 | +13 | +84 |
| 587904 | BROOKNOOK MOMENTOS STARFIRE | 9 | 42 | 5 | 117 | 1 9 | 10.609 | 4.5 | 474 | 18 | 5 | +26 | 82 | +549 | - 21 | +5 | +45 |
| 587950 | MUEHLING MEADOWS STAR FABIAN | 83 | 2 | 9 | 16 | 1.8 | 13.100 | 4.6 | 606 | *** | 13 | +312 | 31 | +514 | - 08 | +16 | +61 |
| 588662 | LOCUST HILL SATURN LAWMAN | 14 | 26 | 2 | 45 | 1.2 | 10.793 | 4.5 | 489 | 17 | 27 | +31 | 64 | +431 | -.08 | +13 | +50 |
| 588800 | DUTCH MILL TOP HORNETS FERNELL | 29 | 60 | 2 | 86 | 1.0 | 11.681 | 4.5 | 520 | *** | 68 | +135 | 77 | +677 | -.13 | +19 | +76 |
| 589104 | FRA HIB T H FANTASTIC | 21 | 5 | 4 | 14 | 2.0 | 14.321 | 4.7 | 667 | *** | 0 | +375 | 37 | +796 | -.05 | +33 | +107 |
| 589456 | LONE PALM T H JUPITER | 29 | 124 | 3 | 215 | 1 1 | 12.592 | 4 4 | 560 | 13 | 58 | +65 | 89 | +1337 | -.24 | +38 | +152 |
| 589545 | METZGER FARMS TOP ROE | 7 | 77 | 4 | 170 | 1.1 | 12.087 | 4 6 | 551 | 11 | 48 | +84 | 86 | +1003 | - 10 | +37 | +127 |
| 589666 | HARMONY TRANSFER DYNAMITE | 14 | 3 | 10 | 20 | 1.7 | 11.747 | 4 5 | 525 | *** | 0 | +230 | 33 | +909 | -.12 | +31 | +111 |
| 589690 | WELCOME FANCY TOP DOLLAR | 21 | 73 | 3 | 127 | 1.1 | 11.469 | 4 3 | 493 | 14 | 55 | +109 | 82 | +1031 | -.36 | +12 | +89 |
| 589754 | RED HILL KING HENRY | 29 | 2 | 9 | 11 | 1.0 | 16.258 | 4 5 | 733 | *** | 60 | +484 | 19 | +1417 | -.18 | +48 | +173 |
| 589886 | DENDELS ORCHARDS CORA H REX | 1 | 7 | 2 | 11 | 1.1 | 12.389 | 4 3 | 536 | *** | 73 | +410 | 31 | +971 | -.17 | +28 | +111 |
| 589908 | CO HILL FARMS T H BIG TEX | 15 | 23 | 3 | 44 | 1.0 | 12.597 | 4 5 | 573 | *** | 84 | +238 | 60 | +1398 | -.12 | +53 | +180 |
| 590101 | CLEVERLANDS JA DA HORNET | 14 | 10 | 6 | 29 | 1 2 | 14.804 | 4.5 | 661 | *** | 41 | +303 | 49 | +968 | -.09 | +37 | +125 |
| 590165 | WELCOME CHOICE ADMIRAL | 29 | 17 | 1 | 19 | 1.0 | 14.228 | 4 5 | 645 | *** | 79 | +333 | 44 | +1394 | -.10 | +55 | +183 |

## Holstein

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1450228 | PACLAMAR BOOTMAKER | 29 | 7727 | 11 | 27634 | 3 2 | 17.551 | 3 6 | 630 | 6 | 3 | 0 | 99 | +1253 | -.07 | +35 | +141 |
| 1466757 | TIHO APOLLO-TWIN | 1 | 1023 | 10 | 3561 | 2.6 | 16.444 | 3 6 | 584 | 9 | 5 | +1 | 99 | +994 | - 05 | +29 | +114 |
| 1484575 | STAFFORDSHIRE EAGLE JASPER | 27 | 34 | 5 | 76 | 2 5 | 16.626 | 3 7 | 615 | 7 | 6 | +47 | 77 | +200 | + 08 | +19 | +44 |
| 1491007 | ROUND OAK RAG APPLE ELEVATION | 7 | 8816 | 16 | 44510 | 2 4 | 18.228 | 3 6 | 662 | 5 | 12 | 0 | 99 | +1477 | - 02 | +51 | +182 |
| 1492486 | ROBTHOM MONARCH VOYAGEUR | 16 | 815 | 12 | 3095 | 2 4 | 16.563 | 3 3 | 548 | 12 | 3 | +6 | 99 | +1454 | - 33 | +1 | +99 |
| 1504551 | WINFARM ALTITUDE | 1 | 885 | 13 | 3634 | 2.1 | 16.466 | 3 6 | 588 | 10 | 13 | 0 | 99 | +921 | -.01 | +32 | +114 |

(Turn to Page D12)

# Sire Summary

(Continued from Page D11)

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1509548 | REYNOLAND COCKNEY PRINCE..... | 3 | 1393 | 6 | 3720 | 1 9 | 17.096 | 3 6 | 619 | 8 | 15 | +3 | 99 | +1191 | .00 | +43 | +150 |
| 1510504 | WESTSIDE MAXIMUM..... | 1 | 80 | 9 | 196 | 2 1 | 15.987 | 3 5 | 564 | 9 | 16 | -7 | 87 | +1091 | -.10 | +24 | +112 |
| 1512026 | HARRISBURG GAY IDEAL..... .... | 15 | 4988 | 24 | 23707 | 2.2 | 17.721 | 3 6 | 634 | 8 | 9 | +1 | 99 | +1224 | -.09 | +30 | +131 |
| 1516551 | OLATHE JUDY ERIC..... .... | 17 | 1425 | 8 | 5511 | 2.2 | 16.946 | 3.5 | 594 | 10 | 6 | +2 | 99 | +1514 | -.13 | +34 | +157 |
| 1518703 | MAREVA PILOT BELMONT KATE..... | 29 | 2146 | 13 | 5531 | 1.8 | 17.645 | 3.5 | 610 | 10 | 13 | +2 | 99 | +1585 | - 16 | +33 | +160 |
| 1520161 | NICOLK SUNSHINE BOLD CHIEF.... | 3 | 2896 | 9 | 10735 | 2.3 | 16.532 | 3 9 | 644 | 11 | 9 | +1 | 99 | +258 | +.32 | +55 | +106 |
| 1526128 | WHITTIER-FARMS APOLLO ROCKET.. | 15 | 3553 | 13 | 13846 | 2.0 | 18.541 | 3.5 | 644 | 9 | 11 | +1 | 99 | +2125 | - 20 | +45 | +216 |
| 1526403 | VICLANE DUSTY ASTRONAUT..... | 27 | 31 | 12 | 74 | 2 7 | 16.219 | 4 0 | 642 | 12 | 5 | +15 | 73 | +96 | + 22 | +35 | +63 |
| 1536450 | ROSE-E-VUE ROCKMAN COUNT..... | 3 | 2052 | 6 | 5847 | 1.9 | 17.433 | 3 6 | 624 | 11 | 19 | +1 | 99 | +1472 | -.04 | +47 | +175 |
| 1536957 | CARNATION FIRST MILLION..... | 11 | 1981 | 11 | 5828 | 1 8 | 17.524 | 3 6 | 633 | 10 | 18 | 0 | 99 | +815 | - 02 | +27 | +99 |
| 1539577 | WESTMORELAND BRIDGETTE CAL.... | 1 | 922 | 16 | 4583 | 2 0 | 16.258 | 3 5 | 561 | 10 | 8 | +1 | 99 | +799 | - 15 | +7 | +65 |
| 1540478 | ADDMORE ADMIRAL ALSTAR MAC.... | 27 | 12 | 5 | 40 | 2.2 | 15.860 | 4 1 | 649 | 7 | 6 | +70 | 61 | +262 | + 22 | +41 | +84 |
| 1553377 | COLO-S-U CLIPPER... ..... | 9 | 249 | 4 | 448 | 2.0 | 17.753 | 3 5 | 614 | 9 | 3 | -14 | 96 | +1490 | - 25 | +15 | +125 |
| 1554410 | WHITTIER-FARMS IVANHOE ACE.... | 40 | 550 | 5 | 1193 | 1.5 | 17.032 | 3 5 | 604 | 7 | 31 | +7 | 98 | +758 | -.12 | +10 | +67 |
| 1555814 | DOS-PALMOS COMET.. ..... | 31 | 2307 | 7 | 5926 | 1.5 | 17.561 | 3 5 | 611 | 14 | 25 | +2 | 99 | +1448 | - 14 | +31 | +148 |
| 1556373 | GLENDELL ARLINDA CHIEF..... | 7 | 4348 | 7 | 14010 | 1.7 | 18.857 | 3 6 | 671 | 7 | 18 | +2 | 99 | +2039 | - 07 | +62 | +238 |
| 1556873 | HILMAR PERFORMER SHIAWANA..... | 40 | 783 | 65 | 2535 | 1.6 | 18.025 | 3 5 | 630 | 6 | 32 | +5 | 99 | +453 | -.15 | -5 | +22 |
| 1558270 | ROSEMERE FURY IVAN..... | 9 | 1358 | 5 | 3485 | 1.4 | 17.232 | 3 7 | 629 | 8 | 42 | -2 | 99 | +1104 | - 05 | +33 | +128 |
| 1558842 | ARLINDA JET STREAM-TWIN.. .... | 9 | 2273 | 10 | 8684 | 1.7 | 18.600 | 3 5 | 648 | 7 | 19 | +1 | 99 | +2185 | - 22 | +44 | +218 |
| 1560026 | JUNELL IVANHOE CHIEF CHARLIE.. | 40 | 531 | 5 | 984 | 1 4 | 16.567 | 3 7 | 608 | 8 | 45 | +13 | 98 | +618 | +.04 | +29 | +89 |
| 1561201 | REDFIELD RULER DIAMOND..... | 27 | 1 | 21 | 21 | 3.7 | 15.967 | 3 9 | 623 | 10 | 0 | +286 | 23 | +520 | -.09 | +6 | +45 |
| 1561673 | JO-DAN B E IVAN..... | 40 | 795 | 6 | 1690 | 1.3 | 17.362 | 3 5 | 603 | 13 | 37 | -7 | 98 | +968 | -.16 | +11 | +83 |
| 1561753 | DOUBLE NED HARVEYCREST WALKWAY | 7 | 933 | 15 | 2758 | 1 5 | 18.322 | 3 5 | 638 | 8 | 28 | +5 | 99 | +1814 | -.14 | +44 | +193 |
| 1562663 | COLDSPRINGS STYLEMASTER WIZARD | 40 | 1365 | 11 | 3544 | 1.5 | 17.345 | 3 5 | 605 | 9 | 29 | +4 | 99 | +1227 | -.14 | +23 | +120 |
| 1563453 | WILLOW-FARM ROCKMAN IVANHOE... | 3 | 4075 | 9 | 15656 | 1 7 | 17.668 | 3 6 | 639 | 7 | 30 | 0 | 99 | +999 | .00 | +36 | +126 |
| 1563679 | UK FOND MATT ART..... | 29 | 1537 | 6 | 3642 | 1.7 | 17.528 | 3 7 | 654 | 10 | 19 | +3 | 99 | +1010 | +.14 | +58 | +162 |
| 1564328 | POVERTY-HOLLOW BURKGOV DEMAND. | 29 | 1839 | 7 | 4598 | 1.5 | 18.799 | 3.3 | 626 | 6 | 31 | +3 | 99 | +2173 | -.31 | +29 | +193 |
| 1565026 | LEMAX RAG APPLE HAVEN..... | 40 | 425 | 4 | 796 | 1.2 | 17.419 | 3.3 | 582 | 4 | 70 | -11 | 97 | +1213 | -.28 | +1 | +83 |
| 1570729 | SKAGVALE CLASSIC CITATION..... | 71 | 75 | 2 | 109 | 1.4 | 16.115 | 3 6 | 585 | 8 | 28 | +1 | 84 | -81 | +.04 | +3 | -1 |
| 1570894 | BIRCH-HOLLOW ROYALTY..... | 71 | 76 | 5 | 136 | 1.4 | 17.054 | 3.5 | 589 | 11 | 61 | -71 | 84 | +35 | -.13 | -17 | -25 |
| 1571047 | ARLINDA FOND MARINER-TWIN..... | 40 | 77 | 9 | 169 | 1.6 | 19.069 | 3 5 | 669 | 13 | 51 | +49 | 85 | +843 | -.13 | +11 | +75 |
| 1571320 | GARDENIA CHIEF ASTRONAUT..... | 17 | 1033 | 5 | 2582 | 1.8 | 16.292 | 3 8 | 627 | 9 | 23 | +8 | 99 | +658 | + 24 | +59 | +140 |
| 1571737 | HOBBSHAVEN CHIEF NENO..... | 27 | 9 | 3 | 20 | 2.4 | 14.776 | 3 7 | 554 | *** | 7 | +436 | 48 | +511 | + 06 | +28 | +80 |
| 1574110 | OLMAR CHIEF BRUTUS..... .... | 14 | 563 | 3 | 946 | 1.2 | 17.058 | 3 7 | 626 | 9 | 45 | +12 | 97 | +1056 | - 03 | +34 | +126 |
| 1575285 | MOWRY-K IMPERIAL KNIGHT..... | 29 | 1055 | 5 | 2218 | 1 4 | 17.520 | 3 6 | 639 | 9 | 35 | +10 | 99 | +1080 | + 06 | +49 | +152 |
| 1575318 | MALAMEN SUPREME PIONEER.. .... | 17 | 785 | 4 | 1752 | 1 5 | 16.584 | 3 6 | 589 | 10 | 26 | +5 | 99 | +1152 | -.10 | +27 | +121 |
| 1576022 | ROCK-HOME SENSATION SUPER..... | 16 | 255 | 9 | 1036 | 2.1 | 15.573 | 3 6 | 559 | 11 | 8 | +23 | 97 | +664 | + 01 | +26 | +87 |
| 1577800 | ACE-HIGH-DAIRY TRIXIE BEN TED. | 3 | 1296 | 7 | 3462 | 1 5 | 18.169 | 3 6 | 651 | 6 | 36 | +4 | 99 | +1684 | 00 | +61 | +212 |
| 1578139 | MILU BETTY IVANHOE CHIEF..... | 40 | 2870 | 6 | 7122 | 1.5 | 18.244 | 3 5 | 642 | 8 | 33 | +3 | 99 | +1550 | -.13 | +36 | +163 |
| 1578759 | SUNNYSIDE DESTINY STANDOUT.... | 14 | 459 | 3 | 772 | 1.3 | 17.553 | 3 5 | 616 | 9 | 47 | +8 | 97 | +1049 | -.19 | +9 | +85 |
| 1580020 | ARLINDA COMMANDER..... | 14 | 3154 | 7 | 9904 | 1.5 | 18.078 | 3 7 | 662 | 7 | 32 | +1 | 99 | +1235 | - 01 | +43 | +153 |
| 1581130 | LA-RARE MILLIONAIRE..... | 11 | 268 | 15 | 992 | 1.3 | 19.189 | 3 4 | 655 | 8 | 39 | +14 | 96 | +1044 | -.18 | +10 | +86 |
| 1582360 | SIMPSONS BURKGOV SNOWMAN-TWIN. | 15 | 876 | 5 | 2104 | 1.6 | 16.552 | 3 6 | 589 | 8 | 30 | +4 | 99 | +1102 | - 13 | +20 | +107 |
| 1583197 | WAPA ARLINDA CONDUCTOR... .... | 7 | 3365 | 6 | 9154 | 1 3 | 18.780 | 3 6 | 672 | 7 | 37 | +2 | 99 | +1754 | - 03 | +59 | +214 |
| 1584687 | MARINDALE SKY CHIEF..... | 31 | 487 | 5 | 834 | 1.5 | 16.867 | 3 7 | 616 | 12 | 22 | +16 | 97 | +482 | + 04 | +23 | +70 |
| 1585759 | DODGE-VIEW GEM-TWIN..... | 40 | 269 | 4 | 474 | 1 2 | 17.261 | 3 6 | 623 | 12 | 80 | +26 | 94 | +1160 | - 01 | +40 | +143 |
| 1586144 | ROBTHOM ANTHONY PERFORMER..... | 1 | 369 | 9 | 1269 | 1.8 | 15.821 | 3 5 | 550 | 9 | 25 | +19 | 98 | +973 | -.08 | +23 | +103 |
| 1586960 | MATHEWSFIELD PERFECTION-TWIN.. | 8 | 143 | 2 | 206 | 2.0 | 15.445 | 3 6 | 554 | 10 | 38 | +37 | 91 | +612 | -.09 | +9 | +56 |
| 1587267 | KIME-FARMS ASTRONAUT LEWIE.... | 3 | 1257 | 3 | 2404 | 1.1 | 17.618 | 3 6 | 632 | 8 | 70 | +5 | 99 | +999 | -.02 | +33 | +121 |
| 1587798 | LA-HONDA STARMAKER..... .... | 11 | 346 | 10 | 1031 | 1.8 | 18.923 | 3.4 | 645 | 6 | 25 | +22 | 97 | +1283 | - 22 | +12 | +106 |
| 1588171 | REDROOF ASTRO ELMO..... | 3 | 1202 | 6 | 2741 | 1.4 | 18.642 | 3.4 | 636 | 9 | 31 | +5 | 99 | +1739 | -.23 | +26 | +159 |
| 1588639 | SUN-VALLEY SENSATION NEIL..... | 3 | 1238 | 3 | 2563 | 1.2 | 18.212 | 3.7 | 665 | 7 | 57 | +8 | 99 | +1548 | + 08 | +68 | +214 |
| 1589041 | VIGO STANDOUT REFLECTION ..... | 40 | 435 | 4 | 868 | 1.5 | 17.728 | 3 5 | 620 | 9 | 24 | +7 | 97 | +1189 | -.15 | +21 | +114 |
| 1589198 | BARRETT-RANCH IVAN ROCKMAN.... | 3 | 1359 | 8 | 2779 | 1.2 | 18.620 | 3.5 | 655 | 7 | 67 | +1 | 99 | +1700 | -.11 | +44 | +186 |
| 1589220 | JERGENS STANDOUT ROMAN-TWIN... | 17 | 656 | 4 | 1464 | 1 5 | 16.699 | 3 5 | 585 | 10 | 22 | +8 | 98 | +1368 | -.15 | +27 | +136 |
| 1589706 | TRI-TOWN WIS APOLLO..... | 29 | 905 | 7 | 2009 | 1.3 | 17.773 | 3 4 | 613 | 9 | 33 | +5 | 99 | +1096 | -.14 | +18 | +103 |
| 1590112 | UK SENSATION..... | 7 | 1818 | 8 | 5109 | 1.3 | 17.725 | 3.5 | 629 | 9 | 44 | +5 | 99 | +1389 | - 05 | +43 | +163 |
| 1590582 | WAYNE-SPRING FOND APOLLO ..... | 7 | 2167 | 4 | 4200 | 1.1 | 19.243 | 3.4 | 660 | 7 | 67 | +2 | 99 | +2208 | - 19 | +49 | +228 |
| 1590708 | HILL-TOP-HAVEN SENSATION FISK. | 21 | 242 | 2 | 303 | 1.7 | 17.086 | 3.7 | 635 | 4 | 58 | +53 | 93 | +1130 | + 09 | +55 | +165 |
| 1590759 | SLEEPY-HOLLOW APOLLO KING-TWIN | 11 | 522 | 8 | 1434 | 1.3 | 18.430 | 3.5 | 642 | 9 | 40 | +10 | 98 | +1122 | - 13 | +21 | +110 |
| 1591482 | DELLFIELD STANDOUT..... | 110 | 14 | 7 | 38 | 2.1 | 20.366 | 3 4 | 689 | *** | 47 | +99 | 56 | +1101 | - 09 | +26 | +116 |
| 1591845 | HART-LYN SENATOR CHIEF..... | 6 | 34 | 11 | 86 | 1 6 | 15.451 | 3.7 | 576 | 9 | 43 | +75 | 71 | -152 | - 03 | -10 | -26 |
| 1593263 | DIAMOND-GROVE CHIP..... | 29 | 1171 | 5 | 2365 | 1.1 | 17.864 | 3.4 | 613 | 11 | 69 | +4 | 99 | +1402 | -.18 | +23 | +132 |
| 1593405 | ARLINDA FOND CARLOS..... | 31 | 9 | 19 | 34 | 2.5 | 18.446 | 3.5 | 654 | ** | 10 | +177 | 46 | +501 | -.03 | +14 | +56 |
| 1594302 | HOACRE SHAMROCK SUNNY HALO.... | 3 | 795 | 3 | 1439 | 1.1 | 18.122 | 3.4 | 623 | 9 | 70 | +6 | 98 | +1489 | -.21 | +21 | +134 |
| 1595067 | BAR-REL STAR PERFORMER..... | 11 | 211 | 10 | 643 | 1.2 | 19.514 | 3.4 | 673 | 9 | 62 | +41 | 95 | +1571 | -.22 | +23 | +143 |
| 1595519 | WEL-HI TRIUNE NATE-TWIN..... | 7 | 409 | 4 | 842 | 1 2 | 17.437 | 3 5 | 613 | 12 | 68 | +25 | 97 | +1201 | - 10 | +29 | +128 |
| 1596998 | M-JAYBEE ASTRO JOSIE..... | 40 | 103 | 42 | 263 | 1 5 | 19.991 | 3 4 | 681 | 4 | 47 | +22 | 87 | +1085 | -.13 | +20 | +105 |
| 1597214 | ELM-CREEK ASTRO DON..... | 40 | 88 | 10 | 176 | 1.6 | 16.798 | 3 6 | 612 | 4 | 54 | +78 | 85 | +751 | + 07 | +38 | +112 |
| 1597267 | CHAM MATT BAM-BAM..... | 6 | 86 | 24 | 253 | 1 6 | 15.311 | 3 8 | 581 | 9 | 21 | +41 | 88 | +333 | + 06 | +21 | +56 |
| 1597608 | STAFFORDSHIRE STANDIN JAY-TWIN | 21 | 183 | 2 | 236 | 1.8 | 16.941 | 3 6 | 604 | 10 | 51 | +34 | 92 | +1277 | - 13 | +27 | +130 |
| 1597691 | HILLHAVEN STANDOUT JOB..... | 9 | 2001 | 7 | 6134 | 1.2 | 17.694 | 3.7 | 646 | 10 | 52 | +2 | 99 | +1122 | - 03 | +36 | +134 |
| 1597697 | LIMESTONE STANDOUT STREPHON... | 3 | 1343 | 5 | 3041 | 1 1 | 18.714 | 3 5 | 650 | 5 | 70 | +4 | 99 | +1985 | - 14 | +49 | +213 |
| 1597768 | TEX-STEIN BURKE ASTRO BOB..... | 77 | 52 | 10 | 188 | 1.5 | 17.010 | 3 5 | 594 | 6 | 50 | +51 | 84 | +475 | + 02 | -20 | +64 |
| 1598035 | C ENGHILL ROCKMAN KNIGHT..... | 45 | 4 | 3 | 12 | 1.4 | 10.091 | 3 2 | 321 | *** | 25 | -1 | 32 | -75 | - 02 | -5 | -13 |
| 1598618 | LYNKHOLM MILKMAKER..... | 21 | 678 | 3 | 1072 | 1.3 | 17.374 | 3 5 | 603 | 8 | 50 | +13 | 98 | +1598 | - 22 | +24 | +146 |
| 1599084 | STRICKLER DON DUALLYN-RED..... | 83 | 39 | 4 | 79 | 2.4 | 17.334 | 3 5 | 605 | 2 | 19 | -72 | 78 | +1076 | - 17 | +13 | +93 |
| 1599905 | PAULO-BRO KNIGHTBOOTS..... | 11 | 303 | 20 | 1167 | 1.4 | 18.692 | 3 6 | 670 | 8 | 35 | +26 | 97 | +620 | + 02 | +26 | +84 |
| 1600253 | DIAMOND-S SUNNY HANK.... ..... | 40 | 120 | 31 | 291 | 1.7 | 17.514 | 3.6 | 623 | 3 | 57 | +38 | 89 | +624 | + 01 | +24 | +81 |
| 1600743 | SINKING-SPRINGS PER HILARY.... | 11 | 58 | 6 | 146 | 1.3 | 19.809 | 3 5 | 685 | 13 | 69 | +100 | 84 | +1341 | - 10 | +34 | +145 |
| 1601195 | ELSGLORY LEO ASTRONAUT.. ..... | 40 | 22 | 2 | 28 | 2.2 | 16.673 | 3 6 | 592 | *** | 10 | +185 | 61 | +1122 | - 08 | +29 | +122 |
| 1601898 | C-Y-HANOVER APOLLO..... | 70 | 14 | 22 | 60 | 1 9 | 20.428 | 3 5 | 724 | ** | 38 | +137 | 59 | +740 | - 03 | +22 | +85 |
| 1602570 | LE-DEL TRIUNE GLEN. ..... | 1 | 119 | 4 | 211 | 2.2 | 16.331 | 3.6 | 586 | 5 | 22 | +45 | 91 | +669 | - 02 | +21 | +79 |
| 1602681 | SINKING-SPRINGS PER STERLING.. | 11 | 250 | 8 | 691 | 1.2 | 18.333 | 3 6 | 653 | 7 | 64 | +28 | 96 | +614 | - 07 | +12 | +61 |
| 1603912 | WILCOXVIEW PERFORMER PAT-TWIN. | 40 | 255 | 13 | 615 | 1 1 | 19.085 | 3 4 | 656 | 5 | 74 | +20 | 95 | +1525 | -.14 | +34 | +158 |
| 1605637 | MORRILL STAR BB BICKEN.. ..... | 40 | 168 | 13 | 396 | 1 2 | 19.027 | 3 6 | 677 | 7 | 81 | +37 | 92 | +1660 | - 05 | +53 | +198 |
| 1606122 | MOON-GLOW PERFORMER STARKSFORD | 11 | 23 | 4 | 53 | 2 3 | 18.366 | 3 5 | 645 | 6 | 21 | +176 | 71 | +1031 | - 14 | +17 | +97 |
| 1606929 | ROCBY MATT PETUNIA JUDGE..... | 31 | 41 | 5 | 103 | 1 9 | 19.154 | 3.6 | 698 | 7 | 38 | +49 | 81 | +1032 | + 01 | +39 | +133 |
| 1607665 | BAYLESS ASTRO SNEAKER..... | 40 | 17 | 26 | 70 | 2.7 | 18.117 | 3 4 | 619 | 10 | 8 | +203 | 60 | +1002 | -.12 | +19 | +98 |
| 1607814 | PARAGON BOOTMAKER..... | 40 | 108 | 5 | 214 | 1 5 | 18.445 | 3 4 | 633 | 2 | 74 | +43 | 89 | +1414 | -.16 | +27 | +139 |

(Turn to Page D13)

# Sire Summary

(Continued from Page D12)

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1608054 | WHITE-HEIGHTS R P CHIEF..... | 40 | 24 | 20 | 72 | 2 1 | 14,632 | 3.7 | 535 | 3 | 34 | +213 | 65 | +1092 | -.08 | +27 | +117 |
| 1608085 | THONYMA ELITE ..... | 1 | 11 | 2 | 17 | 2 8 | 16,329 | 3.7 | 608 | *** | 0 | +135 | 48 | +894 | -.01 | +31 | +110 |
| 1608234 | PLATZ BOOTMAKER CHARM..... | 83 | 48 | 4 | 73 | 1.3 | 16,253 | 3.6 | 590 | 10 | 68 | +89 | 73 | +653 | .00 | +24 | +83 |
| 1608362 | GREEN-BANKS ADVENTURER..... | 3 | 51 | 1 | 56 | 2.5 | 17,413 | 3 7 | 636 | 12 | 10 | +176 | 78 | +1527 | +.02 | +59 | +198 |
| 1608425 | ARLINDA CINNAMON..... | 7 | 538 | 3 | 862 | 1.1 | 17,970 | 3 5 | 633 | 8 | 86 | +23 | 97 | +1663 | -.09 | +47 | +188 |
| 1608551 | MILBROFAR ELATE MAGICIAN..... | 3 | 775 | 3 | 1390 | 1.1 | 18,252 | 3.6 | 656 | 2 | 91 | +7 | 98 | +1451 | - 02 | +50 | +179 |
| 1609200 | SLEEPY-HOLLOW JULE..... | 14 | 89 | 3 | 123 | 1.8 | 16,620 | 3.7 | 610 | 3 | 40 | +71 | 85 | +844 | -.04 | +25 | +97 |
| 1609371 | DIAMOND MERIT..... | 31 | 9 | 42 | 60 | 2 8 | 16,642 | 3.5 | 587 | 9 | 2 | -32 | 46 | +205 | -.07 | -2 | +11 |
| 1609979 | C ROYBROOK VALIANT..... | 71 | 319 | 4 | 681 | 1.3 | 17,392 | 3.7 | 642 | 13 | 50 | +15 | 96 | +170 | +.08 | +17 | +39 |
| 1610326 | PRODUCERS KINGPIN HOO DOO..... | 11 | 25 | 20 | 87 | 2.3 | 18,295 | 3.7 | 668 | 9 | 26 | +181 | 71 | +849 | -.05 | +24 | +96 |
| 1610500 | U-MO CHIEFS HAWK..... | 31 | 9 | 13 | 37 | 2.0 | 16,568 | 3.4 | 556 | 18 | 0 | +270 | 48 | +523 | -.04 | +13 | +56 |
| 1610555 | WILL-TRI FRANS LEGACY..... | 9 | 246 | 3 | 377 | 1.5 | 16,783 | 3.7 | 621 | 6 | 45 | +27 | 94 | +1048 | -.01 | +37 | +130 |
| 1610586 | CARNATION SPACEMAN..... | 11 | 47 | 4 | 84 | 2 1 | 17,841 | 3 6 | 651 | 14 | 28 | +69 | 80 | +900 | + 04 | +38 | +122 |
| 1610590 | LIMESTONE LANCELOT..... | 7 | 360 | 5 | 786 | 1.8 | 18,082 | 3 6 | 648 | 7 | 45 | +25 | 97 | +1076 | .00 | +39 | +136 |
| 1611284 | MIL-R-MOR TRAILBLAZER..... | 7 | 572 | 3 | 979 | 1 1 | 17,671 | 3.5 | 613 | 20 | 86 | +21 | 97 | +1139 | -.11 | +25 | +117 |
| 1611492 | SAGESER CHIEF ASTRONAUT..... | 40 | 91 | 5 | 141 | 1 4 | 16,346 | 3 7 | 607 | 8 | 73 | +84 | 84 | +626 | +.09 | +36 | +100 |
| 1612058 | ARLINDA PENSTAR... ..... | 1 | 268 | 4 | 620 | 1 5 | 16,652 | 3 6 | 592 | 13 | 58 | +34 | 96 | +1597 | +.01 | +59 | +203 |
| 1612677 | ROLLING-VALLEY BOOT EL CAPITAN | 11 | 24 | 5 | 43 | 2.2 | 19,461 | 3 6 | 701 | 4 | 24 | +264 | 67 | +1316 | - 08 | +36 | +147 |
| 1612786 | VAS CHARMING WINN..... | 7 | 38 | 2 | 52 | 2 2 | 17,512 | 3 6 | 634 | 18 | 9 | +86 | 74 | +991 | + 03 | +40 | +131 |
| 1613259 | DAN-VER POLY ROYAL..... .... | 40 | 60 | 4 | 98 | 1 9 | 17,467 | 3 7 | 644 | 13 | 23 | +149 | 82 | +1227 | -.01 | +43 | +152 |
| 1613580 | WHITELYN BOOTMAKER RUMLER..... | 29 | 85 | 4 | 135 | 1 5 | 17,452 | 3 5 | 613 | 3 | 74 | +55 | 83 | +1252 | -.04 | +39 | +147 |
| 1614183 | DOREIGH-FARMS MIGHTY FALCON... | 14 | 28 | 3 | 43 | 2 3 | 17,714 | 3 5 | 624 | 4 | 15 | -42 | 69 | +919 | -.12 | +15 | +86 |
| 1614191 | WIMSON EXECUTIVE... ..... .... | 3 | 95 | 1 | 114 | 1.8 | 17,135 | 3 7 | 633 | 3 | 60 | +89 | 86 | +1105 | + 07 | +51 | +157 |
| 1614523 | LASTING-SPRING STANDOUT..... | 40 | 69 | 6 | 155 | 1 8 | 18,081 | 3 5 | 641 | 6 | 48 | +40 | 85 | +912 | - 04 | +27 | +105 |
| 1614762 | ROBTHOM PRINCE VEEMATT..... | 40 | 41 | 3 | 58 | 2 0 | 17,191 | 3 3 | 572 | 5 | 12 | +87 | 75 | +1165 | - 21 | +11 | +96 |
| 1615049 | AUDETS FOND MATT... ..... | 14 | 660 | 3 | 1118 | 1 1 | 17,048 | 3 7 | 633 | 7 | 79 | +5 | 98 | +656 | + 04 | +30 | +93 |
| 1615336 | HONNETTE BRUYNCREST ASTRO .... | 31 | 18 | 20 | 49 | 2 3 | 21,349 | 3 3 | 706 | 9 | 29 | +225 | 56 | +745 | - 03 | +23 | +87 |
| 1615543 | GRUENDALE ASTRO SOVEREIGN..... | 31 | 7 | 24 | 39 | 2 6 | 18,776 | 3 6 | 668 | 3 | 6 | +3 | 44 | +303 | - 04 | +5 | +28 |
| 1615559 | POPPYLANE ASTRONAUT DUKE. .... | 17 | 556 | 3 | 1136 | 1 1 | 16,849 | 3 5 | 584 | 7 | 74 | +15 | 98 | +968 | -.13 | +15 | +89 |
| 1615612 | AR-VEE ASTRO GAYLORD..... | 110 | 7 | 5 | 16 | 2 7 | 18,432 | 3 5 | 681 | *** | 0 | +184 | 44 | +1297 | -.18 | +20 | +120 |
| 1615618 | TIMP-PRIDE ARISTOCRAT CLIPPER. | 11 | 12 | 4 | 26 | 2.1 | 17,299 | 3 3 | 568 | *** | 26 | +123 | 53 | +963 | -.13 | +15 | +89 |
| 1615931 | VANDE-ACRES ELECTRA.. ..... | 83 | 8 | 14 | 34 | 2.0 | 19,837 | 3 3 | 662 | 8 | 4 | +277 | 46 | +1552 | -.24 | +19 | +135 |
| 1616359 | BUD-RANCH CHAMPION STANDOUT... | 29 | 65 | 2 | 86 | 1.6 | 18,178 | 3 6 | 648 | 9 | 69 | +154 | 81 | +1090 | .00 | +40 | +138 |
| 1617071 | RIPPCHEN BOOT-NICK ..... | 29 | 546 | 4 | 972 | 1.4 | 17,220 | 3 6 | 617 | 10 | 61 | +11 | 97 | +1119 | - 04 | +34 | +130 |
| 1617266 | CEDAR-GROVE GOLDEN NUGGET..... | 7 | 735 | 3 | 1333 | 1.3 | 18,086 | 3 6 | 653 | 12 | 70 | +12 | 98 | +1869 | +.03 | +72 | +242 |
| 1617348 | HILLIANA VALEDICTORIAN..... | 31 | 16 | 10 | 45 | 2.0 | 21,049 | 3.7 | 770 | 15 | 33 | +255 | 58 | +1708 | .00 | +62 | +215 |
| 1617444 | HATOREY ASTRO PAL..... . ..... | 45 | 4 | 10 | 17 | 1.8 | 9,608 | 3.2 | 311 | ** | 17 | +335 | 82 | +52 | -.03 | -3 | -1 |
| 1618035 | PENN-DELL APOLLO KING ARTHUR.. | 3 | 68 | 2 | 97 | 2 2 | 17,140 | 3 8 | 643 | 4 | 10 | +121 | 85 | +1095 | +.09 | +54 | +161 |
| 1618248 | HOLTEX TRIUNE MILESTONE.. .... | 31 | 36 | 8 | 83 | 2.8 | 17,313 | 3 5 | 601 | 6 | 1 | +130 | 78 | +710 | -.05 | +19 | +79 |
| 1619057 | GLEN-VALLEY STAR... .. ..... | 11 | 316 | 9 | 752 | 1 1 | 18,444 | 3 5 | 653 | 11 | 78 | +20 | 96 | +999 | -.04 | +30 | +116 |
| 1619215 | ARLINDA BOOTMAKER PALORIES LAD | 7 | 110 | 2 | 159 | 1 7 | 16,757 | 3 5 | 584 | 5 | 40 | +93 | 89 | +1032 | - 12 | +20 | +102 |
| 1619297 | BERNHILL M G HARMONY..... .... | 3 | 130 | 1 | 144 | 1 9 | 17,548 | 3 6 | 627 | 8 | 54 | +55 | 89 | +1262 | -.07 | +35 | +142 |
| 1619412 | DUTCH-CROFT ORION.. ..... | 14 | 241 | 3 | 366 | 1.5 | 16,698 | 3 7 | 610 | 5 | 59 | +29 | 94 | +680 | - 03 | +20 | +78 |
| 1620037 | KEHO ERIC..... ..... | 1 | 272 | 4 | 660 | 1.5 | 16,747 | 3.3 | 560 | 10 | 56 | +17 | 96 | +1417 | -.20 | +20 | +128 |
| 1620082 | TEUNIS STANDOUT ARDEE..... | 31 | 2 | 15 | 19 | 2.3 | 17,710 | 3.7 | 653 | *** | 0 | +577 | 29 | +568 | -.05 | +13 | +59 |
| 1620273 | CA-LILL STANDOUT CAVALIER..... | 3 | 288 | 3 | 423 | 1.4 | 18,493 | 3.5 | 641 | 4 | 71 | +42 | 95 | +1782 | -.17 | +38 | +181 |
| 1620377 | BETTERWAY MILKMAKER..... | 40 | 14 | 27 | 49 | 2.1 | 19,556 | 3.5 | 678 | 9 | 6 | +171 | 54 | +495 | -.10 | +3 | +38 |
| 1621066 | DUARTE-ACRES ASTRONAUT ALBERT. | 40 | 13 | 28 | 55 | 2.4 | 21,908 | 3.5 | 776 | 9 | 12 | +239 | 52 | +1181 | -.03 | +39 | +143 |
| 1621881 | RINEHART TOP NOTCH..... | 7 | 35 | 1 | 38 | 2 1 | 18,480 | 3 3 | 617 | 19 | 21 | +151 | 70 | +1281 | - 23 | +11 | +104 |
| 1622306 | PRODUCERS STAR ADA..... | 11 | 11 | 18 | 36 | 2 4 | 20,057 | 3 6 | 721 | 4 | 24 | +254 | 46 | +1363 | - 06 | +40 | +157 |
| 1622953 | LUCKY-ROYAL STAR ADMIRAL..... | 7 | 13 | 20 | 56 | 2 2 | 20,450 | 3 5 | 779 | 0 | 11 | +188 | 60 | +1493 | - 08 | +41 | +167 |
| 1623530 | STERK ASTRO ELVIS.. ..... | 31 | 13 | 5 | 38 | 1.8 | 18,333 | 3 5 | 647 | 9 | 0 | +106 | 59 | +558 | - 08 | +8 | +51 |
| 1623662 | OELFKES GOLDEN ABEL ..... | 21 | 821 | 2 | 1320 | 1 1 | 16,984 | 3 7 | 623 | 11 | 85 | +8 | 98 | +1077 | + 03 | +44 | +144 |
| 1623999 | RUANN ZACHARY..... | 31 | 14 | 9 | 67 | 2 6 | 21,550 | 3 4 | 739 | 5 | 0 | +102 | 69 | +964 | - 11 | +18 | +94 |
| 1624803 | LANDSDOWN IVANHOE STAR MATADOR | 11 | 88 | 4 | 185 | 1 3 | 18,150 | 3 7 | 667 | 6 | 77 | +77 | 88 | +994 | + 07 | +46 | +141 |
| 1624877 | THUMB-PRIDE PAYMASTER..... | 11 | 109 | 7 | 269 | 1 2 | 19,341 | 3 5 | 681 | 11 | 79 | +60 | 90 | +1249 | - 09 | +32 | +136 |
| 1625268 | CASANOVA BVAR CITATION... .... | 23 | 45 | 7 | 134 | 2 1 | 19,699 | 3 5 | 688 | 10 | 30 | +37 | 84 | +1153 | -.08 | +29 | +125 |
| 1625389 | LETTERS BURGOV [illegible]..... | 9 | 159 | 2 | 223 | 1 5 | 17,424 | 3 6 | 633 | 12 | 66 | +73 | 91 | +1551 | -.02 | +53 | +190 |
| 1625536 | SKOKIE IVANHOE STAR ..... | 40 | 12 | 31 | 62 | 2 3 | 17,637 | 3 7 | 644 | 2 | 5 | +157 | 56 | +1271 | - 09 | +32 | +137 |
| 1625641 | PINEYVALE FIRECRACKER.... .... | 3 | 51 | 1 | 60 | 2 4 | 16,928 | 3 5 | 594 | 9 | 10 | +105 | 79 | +1351 | - 10 | +33 | +144 |
| 1625661 | BUN-YARD MONEY MAKER..... .... | 40 | 122 | 2 | 192 | 1.2 | 16,479 | 3 6 | 599 | 4 | 78 | +59 | 88 | +647 | 00 | +24 | +82 |
| 1625955 | MICHIGAN ELISE KINGPIN .. .... | 7 | 45 | 1 | 52 | 2 4 | 16,864 | 3 7 | 630 | 6 | 11 | +81 | 77 | +872 | + 06 | +41 | +125 |
| 1626131 | DIAMOND-S BONANZA. ..... | 11 | 10 | 2 | 19 | 2.2 | 20,174 | 3 6 | 721 | *** | 7 | +304 | 51 | +1277 | - 09 | +32 | +138 |
| 1626486 | MIL-BER STAR MAY CHAMP .. . .. | 11 | 17 | 2 | 28 | 3 0 | 18,495 | 3 6 | 666 | 4 | 0 | +154 | 63 | +1302 | - 03 | +43 | +157 |
| 1626813 | MARSHFIELD ELEVATION TONY .... | 7 | 56 | 3 | 79 | 1.9 | 17,818 | 3 5 | 624 | 11 | 42 | +168 | 79 | +1406 | - 07 | +40 | +159 |
| 1626907 | ARNOLD-ACRES AQUARIUS APOLLO.. | 3 | 136 | 2 | 169 | 1.6 | 16,950 | 3.7 | 631 | 7 | 53 | +45 | 89 | +788 | + 09 | +42 | +121 |
| 1627648 | BOOTMAKER HOLIDAYS ALOHA-TWIN. | 110 | 5 | 49 | 57 | 3 2 | 19,063 | 3 4 | 639 | 7 | 0 | +284 | 40 | +1071 | - 12 | +21 | +106 |
| 1627693 | KOOI SUNNY BURKE .... .... | 31 | 15 | 4 | 43 | 2 2 | 17,711 | 3 6 | 638 | 8 | 3 | +207 | 66 | +246 | -.03 | +4 | +23 |
| 1627886 | FRGEKA CITATION CHIEF PIERRE.. | 81 | 10 | 11 | 29 | 2 2 | 17,073 | 3 9 | 672 | 4 | 21 | +435 | 48 | +714 | +.16 | +49 | +127 |
| 1628242 | BIS-MAY ASTRO JUPITER.... .... | 3 | 76 | 2 | 92 | 2.2 | 17,645 | 3 6 | 637 | 6 | 25 | +75 | 84 | +1337 | -.05 | +41 | +156 |
| 1628637 | DEWBROOK BOOTMAKER DEWMORE.... | 1 | 66 | 6 | 202 | 2 3 | 16,891 | 3 5 | 585 | 6 | 11 | +56 | 89 | +606 | - 15 | 0 | +41 |
| 1628813 | OAK-GREEN VIRGINIAN ..... | 11 | 178 | 6 | 375 | 1.4 | 17,857 | 3 6 | 651 | 6 | 70 | +14 | 93 | +966 | +.09 | +49 | +144 |
| 1628967 | DORLOY ROBIN REFLECTION.. .... | 1 | 12 | 7 | 27 | 1 9 | 20,143 | 3 7 | 748 | *** | 31 | +170 | 48 | +1363 | -.01 | +48 | +169 |
| 1629092 | SLEEPY-HOLLOW ELATOR . ..... | 110 | 9 | 8 | 31 | 2.8 | 18,601 | 3 7 | 682 | 10 | 0 | +383 | 55 | +1324 | - 01 | +46 | +164 |
| 1629120 | E-Z-ACRES IVANHOE K TREAT..... | 7 | 32 | 1 | 40 | 2.8 | 17,256 | 3 5 | 611 | 9 | 3 | +119 | 72 | +1168 | -.12 | +24 | +117 |
| 1629270 | THONYMA STARCRAFT.. . .. .... | 21 | 230 | 4 | 478 | 1 5 | 15 934 | 3 5 | 562 | 9 | 52 | +41 | 95 | +910 | - 03 | +28 | +107 |
| 1629385 | POVERTY-HOLLOW MILESTONE..... | 29 | 349 | 3 | 523 | 1.6 | 17,993 | 3 5 | 623 | 5 | 59 | +10 | 96 | +1429 | - 18 | +24 | +135 |
| 1629391 | HANOVER-HILL TRIPLE THREAT-RED | 29 | 725 | 3 | 1257 | 1 6 | 16,748 | 3 8 | 630 | 9 | 58 | +1 | 98 | +359 | + 14 | +34 | +79 |
| 1629429 | HOLLOW-MEADOWS CLASSIC. ..... | 3 | 43 | 1 | 45 | 2 6 | 16,728 | 3 6 | 607 | 5 | 2 | +149 | 76 | +1254 | -.02 | +42 | +152 |
| 1629467 | ROCBY ELEVATION CELEBRITY..... | 7 | 265 | 2 | 358 | 1.2 | 17,360 | 3 5 | 605 | 9 | 82 | +50 | 94 | +1182 | - 12 | +25 | +120 |
| 1629889 | ZIMHAVEN BOOTMAKER NORRIS..... | 110 | 14 | 19 | 55 | 2.2 | 20,578 | 3 5 | 714 | 15 | 0 | +202 | 61 | +1031 | -.10 | +23 | +107 |
| 1629962 | GAYDALE SELECT..... | 81 | 16 | 11 | 49 | 1 7 | 17,616 | 3 5 | 620 | 9 | 48 | +157 | 58 | +823 | - 17 | +5 | +63 |
| 1629980 | BODE-ACRES ASTRO CHIEF..... | 21 | 93 | 4 | 180 | 2.1 | 16,244 | 3 4 | 551 | 21 | 10 | +88 | 89 | +1272 | -.17 | +20 | +118 |
| 1630047 | KOOI BURKE BOOTS..... | 31 | 13 | 7 | 37 | 2 1 | 18,890 | 3.5 | 653 | 4 | 24 | +187 | 57 | +798 | -.15 | +7 | +65 |
| 1630251 | PENN-DELL ELEVATION IVAN. .... | 17 | 273 | 4 | 446 | 1 7 | 16,522 | 3 7 | 613 | 9 | 37 | +39 | 95 | +818 | + 07 | +40 | +120 |
| 1630578 | GLEN-LU-KNOLL PEN STONEWALL... | 7 | 38 | 1 | 45 | 2 1 | 17,407 | 3 5 | 603 | 7 | 21 | +124 | 72 | +1155 | - 15 | +19 | +109 |
| 1631223 | LIME-HOLLOW ELEVATION MARS.... | 29 | 116 | 2 | 150 | 1.3 | 18,483 | 3 4 | 636 | 3 | 78 | +106 | 87 | +1716 | - 17 | +36 | +174 |
| 1631365 | CLOCKTON STANDOUT HERCULES.... | 31 | 8 | 5 | 17 | 1 9 | 17,146 | 3 5 | 597 | *** | 7 | +475 | 41 | +918 | - 08 | +22 | +97 |
| 1632024 | MIL-SHI MAR R A SENSATION .... | 3 | 60 | 1 | 67 | 2 7 | 17,196 | 3 6 | 622 | 8 | 8 | +147 | 82 | +970 | - 01 | +33 | +119 |
| 1632152 | CLUE FARM INDIGO SUNSET . .... | 3 | 56 | 2 | 71 | 2 3 | 16,603 | 3 8 | 627 | 15 | 0 | +93 | 81 | +819 | + 15 | +52 | +139 |
| 1632448 | C-F-D BOOTMAKER NOTEWORTHY.... | 27 | 37 | 3 | 74 | 2 3 | 17,374 | 3 6 | 621 | 11 | 0 | +174 | 79 | +1068 | - 09 | +25 | +112 |
| 1632665 | DIAMOND S KINGMAN . . .... | 7 | 90 | 20 | 247 | 1 8 | 19,760 | 3 5 | 690 | 3 | 45 | +65 | 87 | +1363 | -.13 | +30 | +140 |

(Turn to Page D14)

# Sire Summary

(Continued from Page D13)

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1632849 | LIMESTONE BOOTMAKER GEORGE.... | 21 | 10 | 4 | 21 | 3.0 | 18.112 | 3.6 | 647 | *** | 6 | +294 | 51 | +1239 | - 09 | +31 | +134 |
| 1633263 | VIGO KINGPIN SHINER..... .... | 11 | 10 | 2 | 18 | 2 8 | 18.212 | 3.7 | 675 | *** | 0 | +383 | 53 | +976 | + 02 | +39 | +129 |
| 1633380 | SHADE-ACRES ELEVATION FROSTY.. | 29 | 30 | 1 | 37 | 2 6 | 17.781 | 3 6 | 645 | 15 | 13 | +246 | 70 | +1216 | - 03 | +40 | +147 |
| 1633540 | DUNWOOD BOOTMAKER LEE-TWIN.... | 29 | 24 | 2 | 37 | 2.2 | 19.460 | 3.5 | 676 | 4 | 6 | +261 | 68 | +1287 | -.13 | +27 | +130 |
| 1634148 | CFI QUALITY PINOAK..... | 40 | 3 | 10 | 14 | 3 8 | 18.370 | 3 5 | 638 | *** | 7 | +584 | 31 | +1278 | -.09 | +32 | +138 |
| 1634218 | DE-CHARD BURKGOV POSCH..... | 7 | 36 | 2 | 53 | 2.3 | 18.034 | 3.5 | 640 | 10 | 11 | +105 | 75 | +1187 | -.05 | +35 | +137 |
| 1634661 | WEN-JO BOOTMAKER CHIEF..... | 14 | 8 | 24 | 80 | 1.7 | 16.834 | 3.7 | 622 | 13 | 19 | +357 | 58 | +1084 | - 04 | +33 | +126 |
| 1635843 | STRAIGHT-PINE ELEVATION PETE.. | 7 | 212 | 4 | 340 | 1.6 | 18.758 | 3 5 | 660 | 5 | 54 | +40 | 93 | +1870 | -.12 | +48 | +204 |
| 1635912 | OVER ARCH ALAN..... | 29 | 44 | 1 | 53 | 2 0 | 18.485 | 3.6 | 663 | 11 | 19 | +198 | 76 | +1530 | - 02 | +53 | +189 |
| 1637601 | MD-NEW-HOPES REBEL ELEVATION.. | 9 | 6 | 19 | 32 | 2.1 | 20.170 | 3.5 | 712 | 10 | 29 | +513 | 39 | +1319 | - 08 | +35 | +145 |
| 1638034 | LAWCREST MARKER..... | 29 | 27 | 2 | 41 | 2.1 | 18.365 | 3.4 | 630 | 7 | 24 | +244 | 70 | +1380 | -.16 | +26 | +135 |
| 1638035 | LAWCREST MARVEX-TWIN..... | 15 | 523 | 3 | 887 | 1 3 | 17.529 | 3.7 | 646 | 11 | 80 | +17 | 97 | +972 | .00 | +36 | +124 |
| 1638038 | LAWCREST LAW MAN..... | 14 | 7 | 3 | 14 | 2 6 | 20.138 | 3.5 | 695 | *** | 0 | +487 | 42 | +1278 | - 11 | +30 | +135 |
| 1638449 | HOLTEX ELEVATION JEWELER..... | 31 | 4 | 73 | 79 | 2 0 | 17.033 | 3 4 | 580 | 3 | 14 | +562 | 33 | +1026 | - 11 | +21 | +103 |
| 1638612 | STILLWELL TIDY ADMIRAL..... | 83 | 4 | 25 | 39 | 2 0 | 17.616 | 3.5 | 621 | 3 | 9 | +361 | 40 | +1444 | + 01 | +54 | +185 |
| 1638983 | SONNY-RAY STARMAKER..... | 11 | 9 | 2 | 11 | 2.1 | 17.618 | 3.6 | 633 | *** | 0 | +484 | 40 | +1200 | - 04 | +37 | +141 |
| 1639301 | SANMARGALE ELEVATION AJAX..... | 110 | 11 | 33 | 63 | 2 4 | 20.670 | 3 4 | 700 | 8 | 6 | +219 | 57 | +1128 | -.14 | +19 | +107 |
| 1639392 | U-OF-MD B B CHIEF..... | 9 | 81 | 3 | 129 | 2 3 | 17.026 | 3.6 | 619 | 12 | 3 | +100 | 88 | +1107 | 00 | +40 | +139 |
| 1639748 | FRABET TRANSMIT PLAYBOY..... | 29 | 23 | 1 | 28 | 2 3 | 19.081 | 3.3 | 638 | 0 | 0 | +180 | 64 | +1651 | - 25 | +21 | +145 |
| 1640287 | C ROMANDALE ROYAL IVANHOE..... | 45 | 13 | 7 | 42 | 1 8 | 9.611 | 3 2 | 305 | 19 | 21 | +43 | 59 | -186 | - 08 | -18 | -42 |
| 1640500 | TIHO ELEVATION..... | 21 | 12 | 11 | 38 | 2.1 | 16.890 | 3 5 | 593 | 7 | 18 | +389 | 54 | +1125 | -.06 | +32 | +128 |
| 1640590 | ROBTHOM ROYAL VEEMATT..... | 1 | 63 | 3 | 115 | 1.8 | 16.058 | 3 6 | 578 | 10 | 14 | +125 | 85 | +1148 | .00 | +41 | +144 |
| 1640803 | CLINTON-CAMP ELEVATION ARIEL.. | 29 | 26 | 2 | 36 | 2 4 | 19.152 | 3 3 | 641 | 10 | 0 | +252 | 69 | +1481 | -.21 | +21 | +134 |
| 1640982 | TIONYMA EAST STAR-TWIN..... | 110 | 14 | 9 | 37 | 1 8 | 19.761 | 3 7 | 737 | 4 | 7 | +111 | 58 | +1311 | +.01 | +49 | +168 |
| 1641148 | VALLEY-POND REX..... | 9 | 49 | 1 | 56 | 2.6 | 17.999 | 3 6 | 647 | 6 | 0 | +89 | 79 | +1466 | -.14 | +31 | +149 |
| 1641232 | SHADE-ACRES STARMAKER..... | 31 | 8 | 13 | 37 | 2.2 | 20.865 | 3.5 | 728 | 3 | 15 | +314 | 48 | +1247 | -.13 | +26 | +126 |
| 1641243 | C SHORELEA CITATION MARK A.... | 40 | 40 | 28 | 118 | 1.8 | 19.741 | 3.5 | 691 | 3 | 30 | -105 | 76 | +997 | -.25 | -1 | +65 |
| 1641285 | KOPIAH ELEVATION SKYLARK..... | 29 | 21 | 2 | 28 | 2.4 | 18.164 | 3.5 | 639 | 0 | 5 | +300 | 63 | +1240 | -.09 | +31 | +134 |
| 1641449 | JOLEO IVAN BOOTS..... | 14 | 5 | 41 | 49 | 1.7 | 16.335 | 3 8 | 626 | 5 | 36 | +337 | 34 | +940 | + 01 | +35 | +120 |
| 1642397 | WADDELL BOOTMAKER PETE..... | 17 | 162 | 3 | 288 | 2 0 | 16.324 | 3.8 | 613 | 11 | 8 | +55 | 93 | +938 | +.11 | +50 | +144 |
| 1642796 | GRUENDALE TRIUNE SENSATION.... | 14 | 4 | 13 | 30 | 2 4 | 20.833 | 3 5 | 737 | 0 | 13 | +516 | 39 | +1559 | - 07 | +46 | +179 |
| 1642993 | DEMRY MOHAWK MONEY-MAKER. .... | 29 | 37 | 1 | 42 | 2 3 | 19.235 | 3 3 | 644 | 14 | 0 | +219 | 73 | +1969 | - 26 | +29 | +179 |
| 1643248 | BENDMEAD MAGIC OF LIN-CON .... | 14 | 41 | 6 | 88 | 2 0 | 18.065 | 3 5 | 638 | 9 | 10 | +129 | 79 | +1032 | - 21 | +6 | +79 |
| 1643622 | MIDWAY-CREST BOOTMAKER ROCKET. | 14 | 34 | 5 | 67 | 2 5 | 17.353 | 3 6 | 627 | 12 | 2 | +203 | 75 | +995 | - 12 | +18 | +96 |
| 1643938 | MONTY-KAY CHIEF JUSTICE-TWIN.. | 27 | 11 | 3 | 19 | 1 9 | 17.594 | 3 4 | 597 | *** | 0 | +436 | 46 | +1186 | - 07 | +32 | +132 |
| 1644629 | LOCUST-GLEN IVANHOE ELEVATION. | 7 | 73 | 2 | 106 | 2 0 | 17.774 | 3 5 | 621 | 10 | 20 | +122 | 85 | +1778 | - 10 | +48 | +197 |
| 1644636 | STERK BOOTS SONNY..... .... | 40 | 6 | 21 | 36 | 2 4 | 19.772 | 3.5 | 688 | 0 | 3 | +446 | 45 | +1239 | - 04 | +39 | +147 |
| 1645058 | SKY-HI BOOT MARK ..... | 14 | 51 | 2 | 75 | 1 9 | 16.893 | 3 7 | 630 | 9 | 14 | +168 | 79 | +984 | - 02 | +33 | +120 |
| 1645421 | VOSSMON ASTRO JO BOY..... | 1 | 3 | 11 | 24 | 2 1 | 20.269 | 3.4 | 689 | *** | 0 | +124 | 39 | +1154 | -.11 | +25 | +118 |
| 1645942 | ROPIES CHIEF BUFF..... | 40 | 7 | 10 | 26 | 2 3 | 19.158 | 3 4 | 645 | 4 | 0 | +476 | 44 | +1572 | - 17 | +31 | +156 |
| 1646084 | OAKEN-DALE BOOTMAKER MAX..... | 110 | 8 | 9 | 38 | 2.5 | 18.680 | 3 7 | 688 | 9 | 0 | +393 | 52 | +1465 | - 03 | +49 | +178 |
| 1646126 | MILKYHILL CRYSTALS JEWEL..... | 14 | 10 | 17 | 47 | 1.9 | 17.058 | 3 9 | 664 | 6 | 16 | +159 | 52 | +955 | - 05 | +27 | +108 |
| 1646205 | EDGEMAR IVAN PAT..... | 31 | 8 | 51 | 64 | 2 0 | 19.682 | 3.8 | 742 | 13 | 8 | +144 | 45 | +1006 | 00 | +37 | +128 |
| 1646886 | HARVUE HIGH SPOT. ..... | 7 | 24 | 2 | 30 | 2.1 | 18.586 | 3 5 | 650 | *** | 33 | +293 | 64 | +1553 | - 10 | +40 | +169 |
| 1647190 | LE-DEL IDEAL SUPERIOR..... | 15 | 251 | 2 | 364 | 1.5 | 17.367 | 3 5 | 612 | 7 | 65 | +12 | 94 | +1439 | - 16 | +28 | +142 |
| 1647360 | CONANT-ACRES TEX..... | 9 | 63 | 2 | 101 | 2 3 | 18.458 | 3 6 | 593 | 11 | 1 | +73 | 85 | +1188 | -.09 | +30 | +129 |
| 1647417 | MAPLE-PASS TRANSMITTER PAL.... | 29 | 32 | 2 | 41 | 2 5 | 19.061 | 3 3 | 630 | 6 | 3 | +134 | 72 | +1605 | -.28 | +14 | +131 |
| 1647459 | LE-DEL ELEVATION CHRIS..... | 29 | 92 | 2 | 128 | 1.9 | 18.384 | 3 3 | 613 | 7 | 18 | +104 | 87 | +2030 | - 30 | +26 | +179 |
| 1647462 | WEIKLAND GALA COR STAR..... | 1 | 24 | 7 | 77 | 2.1 | 17.252 | 3 5 | 603 | 12 | 6 | +214 | 74 | +1333 | - 11 | +31 | +140 |
| 1647466 | M-V-B-A IVANHOE STAR CLOVER ED | 17 | 38 | 2 | 47 | 2.4 | 16.582 | 3 6 | 595 | 3 | 7 | +126 | 74 | +870 | - 02 | +29 | +106 |
| 1647517 | APPLENOTCH LIBERATOR..... | 11 | 16 | 4 | 29 | 2.4 | 19.523 | 3 6 | 696 | 8 | 0 | +200 | 60 | +1255 | -.09 | +31 | +135 |
| 1647640 | CODERVIEW IVAN ARLINDA CHIEF.. | 31 | 5 | 16 | 31 | 1 6 | 18.249 | 3 4 | 614 | *** | 22 | +504 | 40 | +1370 | -.08 | +37 | +152 |
| 1647648 | CURTMAID CENTURION IVANHOE.... | 31 | 9 | 28 | 56 | 2.1 | 18.850 | 3 6 | 683 | 3 | 15 | +243 | 52 | +830 | - 13 | +10 | +72 |
| 1647725 | SHARDALE ARLINDA CHIEF JEMINI. | 9 | 54 | 2 | 73 | 2.3 | 17.679 | 3 8 | 674 | 8 | 6 | +152 | 81 | +916 | + 07 | +44 | +133 |
| 1647853 | RAFTER-M IVANHOE DOUBLE..... | 31 | 8 | 15 | 40 | 2.2 | 20.538 | 3 3 | 682 | 10 | 3 | +179 | 52 | +1085 | - 15 | +17 | +101 |
| 1647923 | TOPPATION MATT MILKMAKER..... | 1 | 64 | 3 | 100 | 1.4 | 17.938 | 3 7 | 658 | 4 | 72 | +101 | 80 | +523 | + 03 | +24 | +74 |
| 1648095 | ACKLAND CHIEF MARK..... | 3 | 91 | 2 | 123 | 2.2 | 16.833 | 3 6 | 613 | 13 | 2 | +100 | 88 | +787 | + 02 | +31 | +103 |
| 1648145 | SUGARLANE BIG BILLY..... | 31 | 10 | 14 | 50 | 2.2 | 16.726 | 3 4 | 577 | 7 | 0 | +252 | 58 | +1118 | -.12 | +23 | +113 |
| 1648394 | ACK-LEE CHIEF MONEY MAKER..... | 7 | 28 | 5 | 71 | 2.0 | 18.915 | 3.7 | 700 | 6 | 25 | +222 | 74 | +1621 | - 06 | +50 | +190 |
| 1648465 | PACLAMAR ORMSBY..... | 29 | 141 | 3 | 242 | 1.9 | 16.768 | 3 4 | 573 | 10 | 13 | +64 | 92 | +1138 | - 19 | +12 | +96 |
| 1648493 | BROOK-LODGE MODEL KIT..... | 29 | 23 | 1 | 27 | 2.4 | 19.749 | 3.5 | 692 | 9 | 0 | +177 | 64 | +1773 | -.13 | +43 | +189 |
| 1648691 | ROYAL-CEDAR HANNIBAL..... | 7 | 36 | 2 | 54 | 2.0 | 17.772 | 3.5 | 626 | 8 | 10 | +207 | 75 | +1642 | -.09 | +46 | +185 |
| 1648702 | WOODBINE MILKMAN..... | 71 | 117 | 2 | 161 | 1.4 | 15.392 | 3.6 | 555 | 8 | 33 | -31 | 88 | -499 | -.07 | -28 | -79 |
| 1648742 | ROBTHOM ROBIN KINGPIN..... | 11 | 70 | 5 | 161 | 1.8 | 17.343 | 3.6 | 626 | 11 | 25 | +108 | 87 | +950 | -.10 | +19 | +95 |
| 1649207 | E-Z-ACRES IVANHOE K TRADEMARK. | 3 | 56 | 1 | 64 | 2.4 | 16.441 | 3 6 | 584 | 15 | 0 | +81 | 81 | +644 | - 07 | +13 | +64 |
| 1649214 | DIAMOND-S ELEVATION PONCHO.... | 11 | 24 | 10 | 55 | 2.1 | 20.070 | 3.4 | 679 | 4 | 2 | +265 | 67 | +1491 | - 13 | +34 | +155 |
| 1649432 | DIAMOND-S ELEVATION CARLOS.... | 1 | 59 | 2 | 98 | 1.9 | 16.288 | 3 7 | 602 | 8 | 1 | +136 | 83 | +821 | + 07 | +41 | +122 |
| 1649576 | OAK-MANOR ASTRO GEM..... .... | 7 | 18 | 6 | 40 | 2.6 | 18.602 | 3 4 | 634 | 0 | 7 | +96 | 64 | +1150 | -.11 | +25 | +118 |
| 1649806 | BARRETT-RANCH BELLMAN KIT..... | 40 | 44 | 3 | 64 | 1 8 | 16.261 | 3 3 | 538 | 6 | 14 | +81 | 77 | +1214 | - 29 | -1 | +80 |
| 1650414 | S-W-D VALIANT..... .... | 29 | 32 | 2 | 43 | 2 4 | 18.997 | 3 7 | 694 | 9 | 3 | +223 | 73 | +1908 | 00 | +69 | +240 |
| 1650510 | APPLENOTCH RESOLUTION.... .... | 14 | 9 | 45 | 66 | 2.1 | 19.369 | 3 7 | 719 | 6 | 2 | +443 | 47 | +1133 | - 09 | +27 | +120 |
| 1650826 | WALT-JEAN MATT..... .... | 40 | 37 | 2 | 51 | 1.9 | 16.796 | 3 5 | 596 | 12 | 5 | +92 | 74 | +1306 | - 06 | +38 | +149 |
| 1651441 | LILLYWHITE CITATION ALBAN-RED. | 7 | 30 | 3 | 47 | 1.7 | 16.847 | 3 5 | 592 | 14 | 24 | +106 | 69 | +772 | -.09 | +14 | +75 |
| 1651486 | GLOBE-RUN JOY CHIEF JUDE..... | 21 | 6 | 13 | 34 | 2 1 | 20.011 | 3 7 | 732 | 14 | 0 | +462 | 45 | +1432 | - 01 | +50 | +177 |
| 1651487 | LIME-HOLLOW KIT MATT. ... .... | 31 | 6 | 6 | 14 | 2.9 | 18.912 | 3 6 | 674 | *** | 0 | +312 | 37 | +487 | - 07 | +7 | +44 |
| 1651602 | RAVENGLEN BOOTS ROMULUS-TWIN.. | 6 | 19 | 2 | 30 | 1 6 | 17.419 | 3 7 | 646 | 0 | 24 | +195 | 59 | +1247 | +.02 | +48 | +162 |
| 1652218 | TABUR TORONADO..... | 110 | 15 | 16 | 49 | 2 6 | 20.853 | 3 4 | 714 | 6 | 0 | +180 | 62 | +1353 | - 11 | +32 | +143 |
| 1652232 | WITESTAR ELEVATION DEAN..... | 21 | 242 | 3 | 393 | 2 0 | 16.381 | 3 8 | 625 | 11 | 5 | +39 | 95 | +719 | + 11 | +42 | +116 |
| 1652245 | BUSY-ACRES LINDY..... ..... | 3 | 91 | 2 | 123 | 2.2 | 17.761 | 3 5 | 629 | 7 | 1 | +54 | 88 | +1497 | - 06 | +45 | +174 |
| 1652476 | JACMIN GILTEX ELEVATION TAHARI | 110 | 8 | 10 | 30 | 2 5 | 21.229 | 3 7 | 780 | 0 | 4 | +399 | 51 | +1360 | + 04 | +55 | +181 |
| 1652478 | SIDHIL PRINCES PAT PREFERED... | 3 | 49 | 2 | 60 | 2 3 | 18.347 | 3 5 | 634 | 10 | 4 | +181 | 78 | +1374 | - 19 | +21 | +126 |
| 1652542 | ROCKY-SIDE R-OAK GEORGE..... | 11 | 10 | 7 | 25 | 2 4 | 21.126 | 3 7 | 784 | 5 | 5 | +403 | 50 | +1052 | + 02 | +41 | +137 |
| 1652616 | OAKVIEW KINGPIN ELEVATION BOB. | 7 | 31 | 1 | 39 | 1 9 | 17.440 | 3 7 | 644 | 8 | 7 | +247 | 70 | +891 | + 01 | +34 | +115 |
| 1652665 | SKAGVALE GALLANT STAR..... | 83 | 2 | 14 | 24 | 1 5 | 14.077 | 3 8 | 532 | *** | 14 | +4 | 31 | -49 | + 02 | +1 | -2 |
| 1652865 | CAL-CAB MAGELLAN ..... | 31 | 7 | 16 | 34 | 1 8 | 19.268 | 3 8 | 723 | 13 | 0 | +38 | 45 | +343 | + 05 | +19 | +54 |
| 1653463 | S-S-F ASTRONAUT BRAVO..... | 3 | 81 | 2 | 109 | 2 3 | 16.742 | 3 5 | 586 | 6 | 0 | +108 | 87 | +998 | - 14 | +15 | +91 |
| 1653724 | BROOKS-TWAIN APOLLO KING..... | 9 | 74 | 1 | 88 | 2 2 | 17.088 | 3 7 | 626 | 15 | 3 | +126 | 84 | +1366 | - 08 | +38 | +153 |
| 1653922 | HOLTEX QUALITY ELEVATION..... | 31 | 11 | 13 | 33 | 2 1 | 18.881 | 3 5 | 652 | 3 | 3 | +230 | 51 | +1268 | - 13 | +26 | +127 |
| 1653956 | KILLDEE ELEVATION ERIC.. ..... | 1 | 17 | 4 | 38 | 1 7 | 17.474 | 3 6 | 636 | 8 | 10 | +315 | 61 | +1076 | - 02 | +36 | +131 |
| 1654141 | WIMSON PROUD PRINCE ..... | 3 | 65 | 1 | 72 | 2 4 | 17.186 | 3 4 | 588 | 10 | 0 | +143 | 82 | +1374 | - 22 | +16 | +118 |
| 1654366 | CLINTON-CAMP ELEVATION MAJESTY | 70 | 10 | 3 | 17 | 2 6 | 19.376 | 3 4 | 655 | *** | 0 | +244 | 48 | +1024 | - 07 | +27 | +113 |

(Turn to Page D15)

# Sire Summary

(Continued from Page D14)

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1654429 | ROCKING-C BIG JACK | 40 | 11 | 16 | 44 | 2.1 | 20.071 | 3 5 | 703 | 10 | 11 | +116 | 56 | +977 | - 07 | +25 | +106 |
| 1654725 | CHAPEL-BANK CONTINUE | 110 | 7 | 8 | 20 | 2.1 | 18.166 | 3.4 | 619 | *** | 6 | +301 | 41 | +1021 | -.13 | +17 | +96 |
| 1654989 | MARLU COMET | 31 | 8 | 3 | 13 | 1 1 | 17.051 | 3.4 | 578 | *** | 60 | +227 | 35 | +363 | - 02 | +10 | +41 |
| 1655740 | ZION-VIEW AMYS GRAND FORTUNE | 3 | 81 | 2 | 125 | 2.4 | 17.822 | 3.7 | 651 | 7 | 1 | +99 | 88 | +1327 | +.03 | +53 | +175 |
| 1655796 | LAWCREST MILK MASTER | 31 | 6 | 2 | 10 | 2.0 | 19.301 | 3.5 | 678 | *** | 0 | -278 | 37 | +436 | - 01 | +15 | +54 |
| 1655983 | DDK MONEYBAGS | 11 | 15 | 19 | 45 | 2.0 | 15.943 | 3.9 | 629 | 3 | 11 | +369 | 55 | +981 | +.15 | +58 | +160 |
| 1656451 | MARLU TITAN | 15 | 97 | 3 | 150 | 2.1 | 16.978 | 3.5 | 600 | 11 | 7 | +89 | 89 | +1497 | -.17 | +28 | +146 |
| 1656794 | WALNUTDALE GOVERNOR BOOT | 83 | 21 | 7 | 72 | 1.9 | 17.428 | 3.7 | 637 | 8 | 16 | +95 | 71 | +1030 | -.17 | +12 | +89 |
| 1657091 | STARDELL ROADRUNNER | 16 | 46 | 5 | 112 | 1 8 | 15.775 | 3.6 | 564 | 9 | 15 | +146 | 82 | +1009 | -.01 | +35 | +125 |
| 1657115 | ALEGRE JEWEL SUNSHINE JOHN | 1 | 7 | 23 | 40 | 2 1 | 22.420 | 3 4 | 759 | 0 | 23 | +195 | 46 | +1591 | - 06 | +49 | +186 |
| 1657222 | SKYLINE ELEVATION JOE | 11 | 18 | 16 | 56 | 2 1 | 16.958 | 3 4 | 573 | 6 | 0 | +277 | 66 | +1279 | - 17 | +21 | +120 |
| 1657608 | OLMAR ELEVATOR | 11 | 19 | 3 | 39 | 1 8 | 19.056 | 3 7 | 713 | 10 | 14 | +284 | 65 | +1243 | + 06 | +54 | +171 |
| 1657621 | LUCKY-ROYAL BOOTMAKER KIT | 31 | 20 | 11 | 50 | 1 9 | 22.185 | 3 4 | 760 | 6 | 12 | +182 | 65 | +1617 | - 09 | +44 | +180 |
| 1657970 | FRANGIN ELEVATION ROYAL | 29 | 17 | 27 | 78 | 1 8 | 17.164 | 3 7 | 637 | 7 | 19 | +190 | 63 | +800 | + 05 | +37 | +114 |
| 1658173 | SHELMAR-ACRES IRISH | 40 | 42 | 1 | 49 | 1 8 | 18.192 | 3 5 | 636 | 9 | 2 | +215 | 74 | +1547 | -.09 | +42 | +172 |
| 1658701 | PEN-COL MONITOR KING | 29 | 41 | 1 | 50 | 2 2 | 18.542 | 3 4 | 638 | 8 | 9 | +198 | 76 | +1576 | -.18 | +29 | +153 |
| 1658837 | VIGO EXCELLON | 29 | 59 | 2 | 94 | 2 1 | 18.206 | 3 6 | 663 | 9 | 7 | +134 | 84 | +1036 | - 01 | +36 | +128 |
| 1659046 | SILVER-SHADE LINE CHIEF RORAE | 29 | 17 | 2 | 25 | 2 2 | 18.750 | 3 8 | 705 | 10 | 0 | +337 | 58 | +1426 | +.10 | +67 | +205 |
| 1659115 | MOORE-FARMS BELLRINGER | 3 | 49 | 2 | 65 | 2 3 | 17.100 | 3.8 | 648 | 5 | 2 | +164 | 80 | +689 | +.18 | +51 | +129 |
| 1659308 | KRAHNS ELEVATING BART | 21 | 46 | 2 | 56 | 2 0 | 17.485 | 3 9 | 683 | 11 | 2 | +189 | 77 | +1085 | + 16 | +64 | +177 |
| 1659978 | ROCBY KNIGHT IRENE BEACON | 11 | 9 | 2 | 13 | 2 2 | 20.833 | 3 6 | 758 | *** | 8 | +461 | 43 | +1628 | - 02 | +56 | +200 |
| 1660101 | DEN-FRAN HARPAIN TROY | 110 | 5 | 6 | 12 | 2 1 | 17.667 | 3 6 | 639 | *** | 14 | +339 | 32 | +998 | -.03 | +31 | +117 |
| 1660365 | FULTONWAY PROGRESSOR | 15 | 55 | 2 | 83 | 2 4 | 17.497 | 3 2 | 564 | 16 | 2 | +62 | 82 | +1824 | - 43 | -2 | +120 |
| 1660406 | KENTS-RESERVE CINDER | 7 | 30 | 1 | 35 | 1.8 | 18.359 | 3.3 | 611 | 10 | 0 | +265 | 67 | +1603 | -.21 | +26 | +150 |
| 1660592 | WALKWAY MONITOR MIKE | 29 | 30 | 2 | 40 | 2 2 | 18.643 | 3 6 | 673 | 6 | 0 | +239 | 71 | +1382 | -.06 | +41 | +159 |
| 1660651 | ROYALANE CHIEF SANDY SQUIRE | 40 | 44 | 6 | 78 | 1.8 | 16.248 | 3 4 | 556 | 13 | 5 | +190 | 77 | +1136 | - 13 | +21 | +110 |
| 1660702 | GLEN-LU-KNOLL MARBETH FOBES | 40 | 19 | 2 | 27 | 1 6 | 18.056 | 3 4 | 614 | 0 | 0 | +252 | 59 | +1373 | -.10 | +35 | +149 |
| 1660711 | BUSY-ACRES LEE | 3 | 38 | 1 | 42 | 2.2 | 17.405 | 3 8 | 670 | 10 | 0 | +90 | 73 | +779 | +.16 | +52 | +137 |
| 1661045 | KAM-JA BOOT DEAN | 40 | 9 | 65 | 80 | 2.3 | 22.594 | 3.4 | 764 | 3 | 0 | +243 | 49 | +461 | - 16 | -6 | +21 |
| 1661362 | BRAINTRIM ELSTAN | 3 | 62 | 1 | 68 | 2.6 | 16.305 | 3 7 | 597 | 5 | 3 | +143 | 82 | +752 | +.04 | +34 | +106 |
| 1661379 | RUANN BK VAN | 40 | 11 | 3 | 21 | 1.9 | 18.704 | 3 7 | 684 | *** | 0 | +395 | 51 | +717 | +.03 | +31 | +98 |
| 1661728 | BUTTON-CREST ADVENTURER | 11 | 8 | 17 | 37 | 2.6 | 18.031 | 3 7 | 664 | 0 | 0 | +405 | 50 | +1577 | - 07 | +47 | +182 |
| 1662479 | MILK & HONEY ATHENES JASON | 40 | 120 | 6 | 241 | 1.7 | 16.083 | 3 7 | 596 | 7 | 16 | +75 | 91 | +357 | + 07 | +23 | +61 |
| 1662606 | BUTTERDAY BURKE ADMIRAL | 17 | 185 | 2 | 274 | 1.6 | 16.942 | 3 6 | 617 | 7 | 39 | +58 | 93 | +1450 | + 01 | +55 | +187 |
| 1663425 | DELLFIELD TREASURE BOOT | 110 | 11 | 3 | 20 | 2.2 | 20.132 | 3 5 | 704 | *** | 0 | +233 | 53 | +1077 | - 14 | +18 | +102 |
| 1663473 | GREEN-BANKS DIPLOMAT | 29 | 32 | 2 | 46 | 2.2 | 20.102 | 3 5 | 706 | 0 | 10 | +129 | 73 | +1421 | - 07 | +41 | +162 |
| 1663497 | PLUSHANSKI PERSUADER | 14 | 38 | 7 | 108 | 1.7 | 19.031 | 3.9 | 737 | 10 | 11 | +174 | 79 | +1222 | + 08 | +57 | +175 |
| 1663500 | RUANN AUTOCRAT | 29 | 34 | 2 | 42 | 1 8 | 18.583 | 3 5 | 653 | 3 | 0 | +127 | 71 | +1369 | - 12 | +31 | +142 |
| 1663648 | LOTTA-VU SNOWMAN | 3 | 43 | 1 | 45 | 2 4 | 16.949 | 3 7 | 620 | 8 | 0 | +107 | 75 | +832 | + 06 | +39 | +119 |
| 1663658 | PARK-FOREST ELEVATION ELM | 29 | 22 | 4 | 42 | 2 2 | 17.569 | 3 3 | 571 | 0 | 0 | +120 | 68 | +1142 | -.19 | +12 | +96 |
| 1663720 | CHAR-SAM ELEVATION PABST | 7 | 133 | 7 | 275 | 1 8 | 18.347 | 3 4 | 631 | 8 | 12 | +66 | 92 | +1814 | -.19 | +35 | +179 |
| 1663820 | GREEN-ACRE CHIEF SENTRY | 7 | 38 | 2 | 52 | 1.7 | 17.552 | 3 5 | 609 | 13 | 5 | +214 | 74 | +1224 | -.15 | +22 | +118 |
| 1664119 | WESTMORELAND ELEVATION PRINCE | 1 | 12 | 2 | 16 | 1.9 | 19.642 | 3.6 | 701 | *** | 7 | +437 | 46 | +1340 | -.07 | +38 | +152 |
| 1664286 | CLARJON ASTRO CHIEF | 7 | 4 | 11 | 20 | 1.4 | 21.140 | 3.5 | 743 | *** | 41 | +348 | 32 | +1386 | -.03 | +45 | +166 |
| 1664299 | WKU ASTRO LEADER IKE | 81 | 45 | 2 | 72 | 1.6 | 17.725 | 3.6 | 630 | 9 | 17 | +32 | 77 | +1312 | -.10 | +32 | +140 |
| 1664341 | JO-JON BOLD C APACHE | 11 | 16 | 27 | 77 | 2.2 | 19.078 | 3.5 | 669 | 7 | 3 | +169 | 66 | +960 | - 05 | +27 | +108 |
| 1664397 | CREEK-BLUFF ELEVATION LESTER | 9 | 13 | 4 | 27 | 2.3 | 19.801 | 3.7 | 737 | 0 | 15 | +376 | 55 | +1283 | + 07 | +57 | +179 |
| 1664416 | NATZKE BURKGOV NEW STAR | 21 | 32 | 3 | 47 | 2.0 | 17.121 | 3 6 | 621 | 7 | 4 | +224 | 72 | +1257 | -.08 | +33 | +138 |
| 1664494 | GLEN-CAL MATCHLESS MONITOR | 29 | 64 | 2 | 98 | 2 0 | 19.052 | 3.4 | 654 | 10 | 11 | +97 | 84 | +1767 | - 18 | +36 | +177 |
| 1665016 | LECHEROS LOVE | 11 | 13 | 5 | 37 | 1.9 | 18.413 | 3.6 | 665 | 4 | 19 | +325 | 60 | +916 | - 08 | +22 | +97 |
| 1665126 | ALNEZ BOLD GENE | 3 | 46 | 1 | 49 | 2 3 | 16.415 | 3.8 | 627 | 8 | 0 | +33 | 77 | +455 | +.18 | +43 | +100 |
| 1665132 | IDLE DICE-RED | 27 | 14 | 3 | 28 | 2 0 | 16.171 | 3.5 | 571 | 4 | 8 | +62 | 57 | -301 | - 10 | -25 | -61 |
| 1665634 | ROCKALLI SON OF BOVA | 7 | 37 | 2 | 55 | 2 0 | 19.340 | 3.5 | 671 | 4 | 0 | +199 | 75 | +1987 | - 14 | +49 | +213 |
| 1665884 | RUANN B K BILTMORE | 40 | 10 | 2 | 17 | 1 5 | 18.044 | 3 8 | 690 | *** | 36 | +440 | 46 | +1217 | + 01 | +45 | +155 |
| 1666058 | CALRICK SILVER BOOTS | 17 | 91 | 2 | 127 | 1 9 | 17.083 | 3 5 | 590 | 4 | 5 | +104 | 87 | +1523 | - 23 | +20 | +135 |
| 1666252 | EHRS STARLITE WILLIE | 7 | 14 | 3 | 23 | 1 9 | 21.884 | 3.5 | 758 | *** | 5 | +218 | 54 | +1725 | - 14 | +41 | +183 |
| 1666290 | SEMRADS R MAPLE JUPITER-RED | 40 | 138 | 3 | 230 | 1 3 | 15.553 | 3.7 | 569 | 9 | 30 | +42 | 90 | +235 | - 01 | +7 | +27 |
| 1666428 | CHASEHOLME ELEVATION STARBUCK | 11 | 35 | 2 | 55 | 1 9 | 19.033 | 3 4 | 656 | 11 | 10 | +92 | 75 | +1096 | - 18 | +12 | +93 |
| 1666541 | M-L ELEVATION ADRIAN | 3 | 73 | 2 | 88 | 2 0 | 17.822 | 3 6 | 635 | 13 | 1 | +130 | 84 | +1263 | -.06 | +37 | +145 |
| 1666755 | THAYERS ASTRONAUT IVAN | 40 | 25 | 2 | 39 | 1.9 | 16.630 | 3 7 | 616 | 3 | 6 | +266 | 67 | +755 | - 03 | +23 | +88 |
| 1666920 | MAPLEWOOD-LANE TRIBESMAN | 83 | 9 | 11 | 29 | 2 1 | 17.041 | 3 5 | 594 | 8 | 14 | +438 | 48 | +1148 | - 10 | +26 | +119 |
| 1667149 | DEER-LAKE CHIEF BOOTLEG | 21 | 61 | 1 | 74 | 1 9 | 17.371 | 3.6 | 633 | 12 | 7 | +157 | 81 | +1225 | -.04 | +38 | +144 |
| 1667237 | COLDSPRINGS ELEVATION TRIX | 7 | 35 | 2 | 51 | 1 9 | 17.694 | 3 6 | 636 | 9 | 0 | +213 | 74 | +1082 | -.03 | +35 | +130 |
| 1667239 | EAGLE-ACRES BOOTCAP | 17 | 44 | 1 | 49 | 2 0 | 16.939 | 3 3 | 567 | 6 | 15 | +218 | 73 | +1526 | -.23 | +19 | +133 |
| 1667324 | SILVER-SHADE I KEN CHIEF-TWIN | 11 | 14 | 7 | 28 | 1 6 | 17.359 | 3.6 | 625 | 5 | 9 | +378 | 53 | +808 | -.10 | +15 | +79 |
| 1667366 | CARLIN-M IVANHOE BELL | 7 | 37 | 2 | 52 | 2 1 | 18.750 | 3 6 | 667 | 11 | 0 | +203 | 75 | +1951 | -.05 | +63 | +233 |
| 1667575 | HESS-HYVUE DANMAR MONARCH | 11 | 18 | 16 | 54 | 1.7 | 16.955 | 3.4 | 572 | 10 | 18 | +303 | 63 | +1268 | -.14 | +24 | +124 |
| 1667607 | WILL-LO-ACRES VEEMAN R A-TWIN | 7 | 31 | 1 | 40 | 1.8 | 17.581 | 3 5 | 622 | 12 | 3 | +249 | 69 | +1093 | - 08 | +28 | +119 |
| 1667692 | STARDOM BOOTMAKER MANNIX | 7 | 5 | 53 | 74 | 1 9 | 19.189 | 3 6 | 700 | 6 | 9 | +333 | 45 | +959 | -.05 | +27 | +108 |
| 1667832 | CORREIA IDEAL SECURITY | 31 | 4 | 12 | 17 | 2 4 | 18.395 | 3 4 | 627 | *** | 0 | +319 | 32 | +890 | -.12 | +15 | +84 |
| 1668235 | HI-LINE R A ELEVATOR | 40 | 8 | 9 | 28 | 1 6 | 20.922 | 3 2 | 678 | 14 | 12 | +286 | 44 | +1120 | .00 | +40 | +140 |
| 1668376 | LIN-CON RO R A E MAJESTIC | 1 | 20 | 2 | 26 | 1.5 | 18.744 | 3 5 | 655 | *** | 17 | +346 | 57 | +1164 | -.11 | +25 | +119 |
| 1668484 | SOONER ELEVATION CHIP | 29 | 6 | 9 | 17 | 2 0 | 18.390 | 3 8 | 701 | *** | 0 | +540 | 36 | +1017 | + 05 | +45 | +141 |
| 1668902 | DRAKEMEADOW VAN-VLIET-RED | 29 | 15 | 24 | 56 | 1 9 | 20.906 | 3.5 | 730 | 18 | 4 | +205 | 59 | +1463 | - 15 | +30 | +147 |
| 1668913 | ARLINDA CEDAR | 14 | 9 | 30 | 51 | 1 8 | 19.755 | 3.6 | 709 | 2 | 8 | +177 | 51 | +728 | + 02 | +30 | +98 |
| 1668920 | TRI-TOWN MEADOW SKIPPER | 11 | 16 | 8 | 34 | 1.6 | 18.161 | 3 6 | 646 | 0 | 16 | +205 | 57 | +1379 | -.08 | +38 | +154 |
| 1669038 | HILLAIRE MON FLEET | 29 | 24 | 2 | 40 | 2.4 | 19.263 | 3 5 | 666 | 0 | 0 | +247 | 70 | +1609 | -.17 | +32 | +160 |
| 1669113 | BUTLERVIEW FABULOUS | 40 | 23 | 2 | 29 | 1.6 | 16.786 | 3.6 | 604 | 14 | 0 | +241 | 61 | +897 | +.03 | +37 | +120 |
| 1669352 | MOREDA-LAGUNA CAPTAIN BOOTS | 11 | 11 | 18 | 46 | 1.5 | 20.843 | 3.3 | 687 | 7 | 29 | +262 | 56 | +1475 | -.23 | +17 | +127 |
| 1669592 | TRENTON-PLACE ELEVATION MARVIN | 29 | 26 | 1 | 29 | 2.2 | 19.064 | 3 5 | 670 | 0 | 4 | +279 | 66 | +1822 | -.11 | +48 | +200 |
| 1669693 | FAY-ARK MICKY DOUBLE MAJESTY | 31 | 8 | 3 | 15 | 2.1 | 19.393 | 3.4 | 655 | *** | 20 | +186 | 44 | +854 | -.16 | +7 | +69 |
| 1669748 | THONYMA SECURITY | 7 | 40 | 3 | 73 | 2 0 | 17.602 | 3 6 | 632 | 9 | 2 | +75 | 78 | +1089 | -.13 | +20 | +106 |
| 1669849 | WIMSON KNIGHT | 3 | 67 | 2 | 80 | 2 1 | 16.580 | 3 6 | 590 | 11 | 0 | +139 | 83 | +691 | - 08 | +14 | +69 |
| 1669851 | WAUK-A-WAY FOND RELIANCE | 15 | 60 | 2 | 77 | 2 2 | 16.432 | 3 8 | 618 | 11 | 3 | +13 | 82 | +712 | + 02 | +29 | +95 |
| 1669966 | PARK-FOREST ELEVATION ASTRO | 40 | 51 | 5 | 85 | 1 8 | 16.583 | 3 6 | 603 | 16 | 3 | +162 | 80 | +829 | - 08 | +18 | +85 |
| 1670356 | WILLARDS ELEVATION REFORM | 11 | 24 | 2 | 38 | 1 8 | 19.322 | 3 6 | 703 | 10 | 0 | +266 | 67 | +1187 | + 01 | +44 | +151 |
| 1670359 | JOYLAND BOLD C JINGLES | 3 | 59 | 1 | 71 | 1 9 | 17.712 | 3 6 | 643 | 10 | 3 | +49 | 81 | +1073 | + 01 | +41 | +139 |
| 1670522 | ENG-AMER RIVA RIDGE | 27 | 16 | 4 | 36 | 1 6 | 17.324 | 3 5 | 614 | 21 | 24 | +178 | 59 | +570 | - 13 | +1 | +40 |
| 1670654 | CYPRESS-HILL ASTRO CHIEF | 29 | 34 | 6 | 80 | 1 5 | 19.888 | 3 7 | 729 | 10 | 19 | +191 | 76 | +1189 | + 07 | +54 | +167 |
| 1670737 | FLORIDALE IMPERIAL PERFECTION | 3 | 50 | 1 | 57 | 2 2 | 17.878 | 3 7 | 662 | 6 | 0 | +176 | 78 | +1432 | + 03 | +57 | +189 |

(Turn to Page D16)

# Sire Summary

(Continued from Page D15)

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1670778 | ROCBY NED LETA TANNSEN..... | 29 | 7 | 35 | 49 | 1 9 | 21.735 | 3 5 | 768 | 2 | 2 | +486 | 42 | +1773 | - 07 | +54 | +207 |
| 1671167 | ERNLO SUPERMAN..... | 29 | 41 | 3 | 72 | 1.7 | 17.624 | 3.4 | 608 | 4 | 11 | +142 | 77 | +1311 | -.15 | +25 | +129 |
| 1671186 | KOOI MADCAP ELEVATION..... | 31 | 8 | 14 | 39 | 2.1 | 17.524 | 3.7 | 642 | 0 | 12 | +411 | 49 | +651 | -.02 | +21 | +78 |
| 1671282 | GLEN-RUN MATT MARK..... | 31 | 3 | 29 | 36 | 1 5 | 20.151 | 3 3 | 668 | 5 | 43 | +4 | 32 | +59 | .00 | +2 | +7 |
| 1671294 | EDGEMEAD STAR RUDY..... | 17 | 67 | 2 | 90 | 1 9 | 15.933 | 3.5 | 559 | 6 | 11 | +140 | 83 | +1018 | - 11 | +21 | +103 |
| 1671336 | HARLA H & R CHECKMATE..... | 29 | 54 | 2 | 79 | 1.8 | 18.853 | 3.5 | 652 | 9 | 3 | +150 | 82 | +1661 | -.17 | +34 | +167 |
| 1671532 | ROCBY IMPERIAL IONE GRENADIER. | 40 | 23 | 2 | 32 | 1 9 | 18.043 | 3 5 | 628 | 3 | 9 | +298 | 63 | +1486 | - 12 | +36 | +158 |
| 1671538 | BROOKFIELD FALCON..... | 7 | 17 | 2 | 29 | 1 9 | 18.048 | 3 5 | 623 | 4 | 7 | +205 | 60 | +1205 | -.11 | +27 | +125 |
| 1672056 | KRON ELEVATION CHIEF ELMER.... | 7 | 21 | 3 | 36 | 1.5 | 18.026 | 3 8 | 679 | *** | 41 | +327 | 61 | +1462 | + 01 | +55 | +187 |
| 1672148 | GOUVEIA KINGS RANSOM ..... | 110 | 14 | 16 | 40 | 1.8 | 19.217 | 3 7 | 714 | 3 | 0 | +365 | 55 | +1278 | + 09 | +61 | +185 |
| 1672151 | OCEAN-VIEW SEXATION..... | 29 | 25 | 3 | 38 | 2 3 | 19.677 | 3 7 | 732 | 4 | 4 | +251 | 69 | +1497 | + 06 | +64 | +204 |
| 1672322 | ARLINDA JORDAN.... . ..... | 29 | 108 | 2 | 174 | 1 5 | 17.926 | 3.4 | 612 | 8 | 25 | +88 | 89 | +1698 | - 20 | +30 | +163 |
| 1672325 | ARLINDA C A R DAIRYMAN. ..... | 29 | 12 | 6 | 28 | 1 5 | 21.350 | 3 6 | 776 | 5 | 9 | +158 | 52 | +1665 | + 01 | +62 | +212 |
| 1672326 | ARLINDA ROCKET FAME.... ..... | 40 | 19 | 2 | 24 | 1 9 | 17.234 | 3 8 | 656 | *** | 0 | +339 | 58 | +1073 | + 03 | +44 | +143 |
| 1672934 | GRUENDALE SENSATION STAR..... | 31 | 2 | 29 | 38 | 2 1 | 19.360 | 3 4 | 666 | 6 | 0 | +395 | 34 | +1249 | - 13 | +25 | +125 |
| 1673077 | LUND-DALE SUPERB NED ..... | 17 | 66 | 2 | 89 | 1 9 | 17.175 | 3 5 | 604 | 3 | 6 | +139 | 83 | +1346 | - 11 | +32 | +142 |
| 1673121 | MIDROCK ELEVATION DUKE..... | 40 | 14 | 2 | 20 | 2 0 | 16.911 | 3 4 | 572 | *** | 16 | +390 | 52 | +1085 | - 17 | +13 | +94 |
| 1673127 | LIAS LUMINOUS-TWIN.. ..... | 29 | 34 | 2 | 50 | 2 0 | 18.693 | 3 5 | 652 | 2 | 2 | +207 | 74 | +1547 | - 11 | +39 | +167 |
| 1673493 | FV KINGDOM-VIEW TOBY . ..... | 83 | 6 | 6 | 21 | 1.8 | 16.492 | 3 6 | 593 | *** | 11 | +120 | 41 | +740 | - 03 | +23 | +87 |
| 1673806 | CHIQUES-VIEW ELEVATION BELLE.. | 29 | 25 | 25 | 98 | 1 8 | 21.386 | 3 5 | 747 | 5 | 7 | +214 | 74 | +1126 | - 01 | +40 | +141 |
| 1673830 | BENDMEAD RORAE NED. ..... | 40 | 18 | 2 | 26 | 1 8 | 17.824 | 3 6 | 642 | 5 | 5 | +343 | 58 | +1250 | - 07 | +35 | +141 |
| 1674245 | I-O-STATE CHIEF FORD ..... .... | 21 | 46 | 1 | 55 | 2 0 | 19.312 | 3 5 | 667 | 6 | 11 | +192 | 76 | +2617 | - 24 | +55 | +265 |
| 1674295 | DROVERS-INN SUPER BLEND-TWIN.. | 15 | 59 | 2 | 74 | 2 3 | 17.259 | 3 5 | 607 | 2 | 7 | +76 | 82 | +1503 | - 13 | +35 | +158 |
| 1674398 | SCHUVILLE LODY ELEVATION LAD.. | 14 | 21 | 8 | 64 | 1 4 | 18.673 | 3 7 | 686 | 4 | 20 | +200 | 67 | +1479 | - 08 | +42 | +168 |
| 1674582 | MD-SUNSET-VIEW R A WONDER..... | 14 | 18 | 8 | 40 | 1 7 | 18.980 | 3 4 | 638 | 4 | 28 | +184 | 61 | +1817 | - 21 | +33 | +176 |
| 1674586 | PA-DOT VERMATION..... | 1 | 34 | 2 | 52 | 1 6 | 16.252 | 3.5 | 563 | 8 | 7 | +225 | 72 | +1066 | -.10 | +24 | +111 |
| 1674595 | EXRANCO DYNAMITE-TWIN..... | 23 | 25 | 4 | 51 | 1 8 | 20.304 | 3.4 | 690 | 3 | 15 | +239 | 71 | +1256 | -.11 | +29 | +132 |
| 1674791 | CONANT-ACRES P CHIEF SUPERSTAR | 1 | 96 | 3 | 164 | 1 5 | 16.081 | 3 8 | 605 | 10 | 15 | +98 | 88 | +456 | + 20 | +46 | +105 |
| 1674935 | WHITTIER-FARMS NOBLE-TWIN .... | 29 | 11 | 5 | 27 | 2 1 | 17.776 | 3 5 | 628 | 0 | 8 | +167 | 54 | +919 | - 10 | +19 | +93 |
| 1675007 | CHAMPLAINSIDE ASTRONAUT ARGUS. | 29 | 6 | 11 | 32 | 1 8 | 18.608 | 3 5 | 646 | 4 | 16 | +279 | 46 | +1223 | - 10 | +29 | +129 |
| 1675049 | WALNUT-LAKE JEWEL CHIEF..... | 11 | 17 | 5 | 40 | 1 9 | 16.629 | 3 8 | 635 | 19 | 0 | +301 | 63 | +782 | + 10 | +44 | +124 |
| 1675357 | ENG-AMER CITATION FRANK..... | 7 | 39 | 1 | 49 | 1 6 | 18.374 | 3 7 | 687 | 10 | 5 | +118 | 73 | +1247 | + 08 | +58 | +178 |
| 1675358 | ENG-AMER IMPERIAL CALVAN. .... | 16 | 22 | 4 | 44 | 1 7 | 16.230 | 3 5 | 573 | 8 | 10 | +274 | 66 | +889 | 00 | +32 | +112 |
| 1675594 | RICH-J GAY IDEAL TRAVIS..... | 11 | 14 | 5 | 32 | 2 0 | 18.374 | 3 3 | 607 | 10 | 0 | +209 | 58 | +1188 | - 11 | +26 | +122 |
| 1675758 | LOU-FRAN MOONLITE LEO..... | 31 | 5 | 21 | 33 | 1 4 | 16.166 | 3 7 | 602 | 4 | 9 | -29 | 40 | -51 | + 13 | +16 | +22 |
| 1675762 | KEEF ELEVATION BARBER.... .... | 7 | 12 | 9 | 30 | 1 8 | 18.255 | 3 7 | 673 | 0 | 7 | +420 | 50 | +1263 | - 03 | +42 | +153 |
| 1675786 | DUTCH-ACRES IMASTAR ..... .... | 3 | 56 | 1 | 61 | 2 1 | 17.353 | 3 6 | 624 | 12 | 4 | +101 | 80 | +1256 | + 03 | +50 | +166 |
| 1675881 | PARK-FOREST RON LASS..... .... | 40 | 14 | 2 | 20 | 1 8 | 18.121 | 3 3 | 592 | *** | 5 | +394 | 51 | +1510 | - 22 | +20 | +134 |
| 1676445 | S-W-D JUBILEE .. ..... .... | 11 | 33 | 6 | 58 | 1 5 | 17.102 | 3 8 | 658 | 8 | 22 | +237 | 71 | +861 | + 12 | +50 | +139 |
| 1676622 | DODD-HILL SKOKIE SCOTT.. .... | 40 | 23 | 2 | 28 | 1 3 | 17.120 | 3 5 | 593 | *** | 40 | +359 | 56 | +998 | - 09 | +23 | +104 |
| 1676845 | SWEET-HAVEN LOCHINVAR BOOTS... | 15 | 51 | 5 | 86 | 1 8 | 17.277 | 3 6 | 614 | 7 | 4 | +121 | 80 | +1078 | - 11 | +22 | +108 |
| 1676846 | SWEET-HAVEN ISTAR MONITOR .... | 7 | 33 | 9 | 62 | 1 6 | 18.364 | 3 5 | 639 | 6 | 8 | +142 | 71 | +1126 | - 14 | +20 | +108 |
| 1676910 | COBRYLEA QUALITY.. ..... .... | 3 | 54 | 1 | 60 | 2 1 | 18.064 | 3 5 | 630 | 9 | 0 | +131 | 79 | +1544 | - 09 | +42 | +172 |
| 1676989 | IV-ANN SALVATION . ..... .... | 40 | 13 | 1 | 15 | 1 5 | 15.795 | 3 6 | 562 | *** | 8 | +453 | 44 | +901 | - 09 | +19 | +91 |
| 1677435 | M-JAYBEE ELEVATION RAVEN JOSIE | 7 | 5 | 36 | 45 | 1 6 | 20.217 | 3 5 | 713 | 9 | 20 | +532 | 37 | +1448 | 00 | +53 | +183 |
| 1677582 | STERK EXCLUSIVE.... ..... | 15 | 349 | 4 | 649 | 1.6 | 17.164 | 3 5 | 609 | 10 | 27 | +8 | 97 | +763 | - 15 | +6 | +61 |
| 1677625 | KLER-VU CHARISMA . ..... | 15 | 46 | 1 | 53 | 2 1 | 16.153 | 3 9 | 634 | 14 | 0 | +192 | 76 | +673 | + 20 | +54 | +133 |
| 1677859 | GREEN-VALE T COMPLETE WILLIAM. | 11 | 7 | 22 | 36 | 1 3 | 19.499 | 3 4 | 657 | 4 | 22 | +475 | 41 | +1231 | - 12 | +27 | +127 |
| 1677902 | BROOKVIEW CALIBAN. . ... .... | 1 | 40 | 2 | 67 | 1 6 | 17.185 | 3 7 | 642 | 6 | 17 | +105 | 76 | +900 | + 01 | +34 | +116 |
| 1678020 | STAR-SUMMIT ELEVATION LANCE... | 7 | 39 | 1 | 48 | 1 6 | 18.644 | 3 4 | 627 | 18 | 5 | +224 | 72 | +1910 | - 23 | +33 | +182 |
| 1678042 | SWAMPY-HOLLOW GAY DARIUS..... | 81 | 7 | 2 | 10 | 1 6 | 15.738 | 3 5 | 553 | *** | 11 | +413 | 33 | +667 | - 10 | +10 | +61 |
| 1678164 | ELMSMITH MARCUS MARINER..... | 15 | 43 | 2 | 55 | 1 9 | 17.417 | 3 4 | 600 | 11 | 4 | +149 | 76 | +1522 | - 21 | +23 | +140 |
| 1678376 | LAKE-HOME BOB TOPAZ. ..... | 29 | 32 | 2 | 41 | 1 9 | 18.690 | 3 4 | 641 | 0 | 0 | +235 | 71 | +1615 | - 20 | +27 | +152 |
| 1678460 | B STANSELLS RORAE PAPY..... | 31 | 14 | 2 | 23 | 1 5 | 16.928 | 3 5 | 597 | *** | 24 | +413 | 51 | +875 | 00 | +32 | +111 |
| 1678469 | MAUR-LIND CHIEF ROCKET-TWIN... | 31 | 19 | 16 | 68 | 1 6 | 19.379 | 3 7 | 710 | 2 | 21 | +288 | 65 | +413 | - 01 | +13 | +49 |
| 1678587 | WINTERMEN BOOTMARK..... | 3 | 77 | 1 | 84 | 1 8 | 17.617 | 3 5 | 610 | 14 | 6 | +135 | 83 | +1285 | - 15 | +24 | +125 |
| 1678710 | NUNESDALE CM BLEND ..... | 29 | 30 | 19 | 78 | 1.5 | 19.639 | 3.6 | 707 | 6 | 18 | +228 | 72 | +1377 | - 04 | +44 | +164 |
| 1678834 | THONYMA MERCHANT .. ..... | 16 | 39 | 3 | 78 | 1 5 | 15.854 | 3.4 | 544 | 5 | 19 | +184 | 77 | +897 | - 08 | +20 | +93 |
| 1678839 | GEORDAVE MARVATION. ..... | 3 | 68 | 1 | 82 | 1.9 | 17.430 | 3 6 | 624 | 3 | 5 | +141 | 83 | +1010 | - 01 | +35 | +125 |
| 1679365 | HARPAIN IDEAL TOKEN ..... | 31 | 5 | 4 | 14 | 1.9 | 18.027 | 3.6 | 652 | *** | 0 | +293 | 39 | +739 | - 05 | +19 | +81 |
| 1679466 | SPRINGLEA GAY LYLE-TWIN..... | 40 | 20 | 2 | 25 | 1.3 | 17.563 | 3.4 | 603 | *** | 39 | +372 | 54 | +1443 | -.12 | +34 | +152 |
| 1679509 | MIL-NOR JEWEL BOOTMAKER..... | 40 | 24 | 2 | 30 | 1.8 | 17.905 | 3.5 | 625 | 15 | 7 | +312 | 62 | +1201 | - 09 | +30 | +129 |
| 1679651 | MANORSPRINGS CHIEF PAWNEE..... | 3 | 74 | 2 | 94 | 1.6 | 17.324 | 3.7 | 647 | 8 | 7 | +133 | 84 | +846 | +.10 | +45 | +130 |
| 1679656 | DIAMOND-S ROSS BRENT ... ..... | 7 | 33 | 2 | 47 | 1 8 | 18.065 | 3 4 | 623 | 7 | 2 | +226 | 72 | +1225 | - 11 | +28 | +128 |
| 1679918 | DAVIDSONVIEW NOEL BELL..... | 29 | 40 | 2 | 55 | 1.7 | 18.626 | 3 6 | 669 | 10 | 0 | +197 | 76 | +1329 | - 05 | +41 | +156 |
| 1680011 | ROCBY PIN CHIEF BRIGADIER-TWIN | 40 | 44 | 2 | 61 | 1 3 | 17.391 | 3 6 | 629 | 8 | 34 | +210 | 74 | +1283 | - 04 | +41 | +153 |
| 1680121 | MILMAY KINGPIN ELEVATION BOB.. | 29 | 24 | 7 | 45 | 1 5 | 20.487 | 3 7 | 753 | 12 | 0 | +284 | 65 | +1835 | + 02 | +70 | +237 |
| 1680125 | FULTONWAY GAYLORD APOLLO..... | 7 | 28 | 2 | 35 | 1 5 | 17.603 | 3 7 | 647 | 7 | 6 | +282 | 65 | +1427 | 00 | +52 | +180 |
| 1680212 | MAPLE-PASS BOOTMAKER PAL. .... | 11 | 14 | 6 | 31 | 1.6 | 18.412 | 3 5 | 646 | 4 | 7 | +360 | 56 | +1204 | - 15 | +21 | +115 |
| 1680511 | RED-HILL-ACRES GAYLORD..... | 11 | 22 | 11 | 64 | 1 5 | 19.051 | 3 4 | 647 | 4 | 15 | +264 | 67 | +1085 | - 07 | +29 | +120 |
| 1680665 | MAHONEY ELEV ABE... ..... | 31 | 20 | 3 | 41 | 1 7 | 17.791 | 3 8 | 679 | 3 | 8 | +279 | 66 | +818 | + 08 | +42 | +123 |
| 1680681 | DIAMOND-S CYRANO-TWIN..... | 21 | 17 | 5 | 40 | 1 9 | 18.323 | 3 8 | 689 | 3 | 3 | +191 | 63 | +1068 | + 14 | +60 | +169 |
| 1680682 | DIAMOND-S NEEDLE CHESTER. .... | 11 | 15 | 14 | 59 | 1 3 | 20.975 | 3 6 | 763 | 10 | 33 | +154 | 63 | +1105 | + 07 | +51 | +157 |
| 1680921 | LUDVUE MATTMAKER .. .... .... | 21 | 84 | 1 | 96 | 1.5 | 17.075 | 3.7 | 636 | 13 | 7 | +135 | 83 | +1036 | + 04 | +44 | +141 |
| 1681010 | CAL-CLARK GENESIS.. ..... | 1 | 32 | 2 | 54 | 1 5 | 17.583 | 3 7 | 657 | 6 | 19 | +232 | 71 | +656 | + 10 | +39 | +107 |
| 1681078 | LUCK-E ELEVATION MEL.. .. .... | 6 | 17 | 2 | 26 | 1.6 | 15.953 | 3 8 | 610 | *** | 35 | +394 | 53 | +703 | + 05 | +33 | +101 |
| 1681130 | SINKING SPRINGS ROCKET JEREMY. | 11 | 24 | 13 | 68 | 1 4 | 21.408 | 3 3 | 714 | 6 | 21 | +255 | 69 | +1803 | - 20 | +34 | +176 |
| 1681405 | NOWERLAND ELEVATION ROCKY .... | 3 | 57 | 1 | 62 | 1.8 | 17.977 | 3 6 | 644 | 5 | 2 | +170 | 79 | +1604 | - 02 | +55 | +197 |
| 1681448 | KUEHN-ACRES CHIEF DUKE.. ..... | 21 | 72 | 1 | 82 | 1 3 | 16.843 | 3 7 | 616 | 15 | 16 | +161 | 80 | +1112 | - 06 | +32 | +127 |
| 1681628 | LONG-HAVEN DELMAR. . .. .... | 11 | 18 | 27 | 70 | 1 5 | 18.494 | 3 8 | 702 | 6 | 2 | +284 | 65 | +722 | + 06 | +35 | +105 |
| 1681659 | ROCKALLI ASTRO WARRIOR.. ..... | 7 | 22 | 1 | 28 | 1 7 | [illegible].531 | 3 4 | 635 | 0 | 4 | +310 | 62 | +1200 | - 11 | +26 | +123 |
| 1681734 | GLENDELL ELEVATION JUNIPER.... | 7 | 16 | 4 | 37 | 1 6 | 18.160 | 3 5 | 638 | 0 | 23 | +334 | 60 | +1673 | - 09 | +46 | +187 |
| 1682056 | MILLIS-AN SHANE.. ..... | 11 | 12 | 19 | 47 | 1 3 | 19.663 | 3 5 | 691 | 8 | 22 | +279 | 55 | +1544 | - 08 | +43 | +174 |
| 1682152 | WILBAR GILLBROOK CONTENDER.... | 14 | 32 | 5 | 81 | 1 4 | 18.717 | 3 6 | 676 | 3 | 42 | +135 | 74 | +1115 | - 10 | +26 | +117 |
| 1682256 | EXETER-HILLS WHIRLWIND ..... | 29 | 46 | 2 | 62 | 1 8 | 17.545 | 3 6 | 639 | 6 | 2 | +182 | 78 | +1087 | - 03 | +35 | +130 |
| 1682467 | WAGNERSCREST IVANHOE ASTRONAUT | 7 | 37 | 2 | 50 | 1 5 | 19.133 | 3 7 | 702 | 10 | 13 | +118 | 73 | +1660 | + 06 | +70 | +225 |
| 1682476 | CRISDHOME ELEVATION ESCALATOR. | 40 | 27 | 2 | 36 | 1 4 | 17.528 | 3 6 | 638 | 7 | 15 | +297 | 63 | +847 | +.01 | +33 | +110 |
| 1682485 | SWEET-HAVEN TRADITION ..... | 23 | 38 | 6 | 99 | 1 7 | 21.653 | 3 4 | 747 | 2 | 7 | +160 | 80 | +2696 | - 14 | +75 | +303 |
| 1682571 | BALSAM-ACRES ARLINDA SCOUT.... | 3 | 85 | 2 | 113 | 1 3 | 17.089 | 3 6 | 620 | 15 | 32 | +130 | 84 | +704 | + 04 | +31 | +98 |
| 1682740 | WALNUTDALE ELEVATION MASTER... | 83 | 10 | 8 | 26 | 1 4 | 15.854 | 3 7 | 580 | *** | 28 | +260 | 45 | +350 | - 02 | +10 | +40 |
| 1682870 | TEUNIS ROUND OAK CORONA..... | 23 | 20 | 5 | 47 | 1 9 | 21.467 | 3 5 | 742 | 5 | 2 | +254 | 69 | +2121 | - 09 | +62 | +243 |

(Turn to Page D17)

# Sire Summary

(Continued from Page D16)

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1682881 | PACLAMAR MAJURO | 7 | 45 | 2 | 73 | 1.5 | 17,449 | 3 6 | 633 | 7 | 19 | +181 | 78 | +1223 | -.02 | +42 | +150 |
| 1682895 | ELEVATION TIDY SPECIAL | 1 | 19 | 1 | 21 | 1.5 | 17,934 | 3.4 | 617 | *** | 6 | +228 | 53 | +1311 | -.14 | +26 | +130 |
| 1682995 | PEPST KINGPIN JESTER | 21 | 86 | 2 | 116 | 1.7 | 17,283 | 3 7 | 648 | 9 | 7 | +115 | 86 | +949 | +.05 | +42 | +132 |
| 1683574 | WHITTIER-MURCH ROCKET SPECIAL | 15 | 43 | 2 | 53 | 1.7 | 16,071 | 3 6 | 574 | 5 | 7 | +214 | 74 | +1252 | -.10 | +30 | +133 |
| 1683618 | RUSSINWOOD ELEVATION NED | 40 | 16 | 2 | 21 | 1.3 | 16,417 | 3 7 | 606 | *** | 32 | +409 | 50 | +800 | -.01 | +28 | +99 |
| 1683805 | TRI-TOWN SHADOW WAVE | 15 | 37 | 2 | 47 | 1.7 | 16,433 | 3 5 | 569 | 12 | 2 | +224 | 72 | +1179 | -.16 | +18 | +109 |
| 1683955 | TULLANDO ELEVATION SKY HIGH | 7 | 17 | 6 | 44 | 1.5 | 19,162 | 3 5 | 673 | 5 | 45 | +330 | 61 | +1814 | -.13 | +45 | +195 |
| 1683956 | BEECHER ECLIPSE-TWIN | 40 | 503 | 2 | 752 | 1.3 | 16,537 | 3.5 | 587 | 10 | 38 | +24 | 97 | +463 | -.07 | +7 | +42 |
| 1684205 | TWIN-LAWN ELEVATION JASON | 29 | 34 | 2 | 44 | 1 8 | 19,870 | 3 5 | 700 | 3 | 0 | +225 | 72 | +2144 | - 06 | +68 | +254 |
| 1684385 | JOLUDI ELMER CHIEF | 29 | 23 | 8 | 50 | 1.7 | 20,819 | 3 7 | 763 | 2 | 10 | +266 | 67 | +1892 | + 03 | +73 | +246 |
| 1684501 | JA-SAL GAY DUKE | 15 | 32 | 1 | 38 | 1.6 | 16,563 | 3 4 | 569 | 10 | 0 | +268 | 67 | +987 | -.14 | +14 | +89 |
| 1684579 | OLMAR THUNDER | 31 | 41 | 4 | 69 | 1.2 | 17,657 | 3 6 | 628 | 7 | 51 | +91 | 72 | +800 | -.02 | +26 | +96 |
| 1684830 | RICH-DEN CHIEF ROMEO | 21 | 10 | 38 | 59 | 1.5 | 20,958 | 3 7 | 785 | 4 | 8 | +438 | 48 | +1444 | - 01 | +51 | +180 |
| 1685055 | PRUITTS DYNAMO | 16 | 42 | 4 | 85 | 1.3 | 15,671 | 3 6 | 560 | 13 | 19 | +183 | 77 | +452 | + 05 | +23 | +68 |
| 1685074 | C GLENRIDGE OOP | 6 | 194 | 5 | 420 | 1.5 | 16,000 | 3.7 | 597 | 6 | 27 | -7 | 94 | +169 | + 01 | +7 | +23 |
| 1685119 | DANGE FOBES LEADER | 17 | 91 | 2 | 117 | 1 3 | 16,245 | 3 6 | 582 | 13 | 27 | +129 | 84 | +1104 | - 08 | +28 | +120 |
| 1685126 | ARLINDA TRISTAR | 14 | 86 | 4 | 183 | 1.3 | 17,876 | 3 6 | 635 | 6 | 40 | +104 | 87 | +1209 | - 12 | +25 | +122 |
| 1685147 | CHAPEL-BANK WINGAY | 40 | 19 | 1 | 21 | 1 3 | 16,768 | 3 6 | 610 | *** | 28 | +396 | 51 | +470 | + 01 | +18 | +61 |
| 1685148 | CHAPEL-BANK MAXMAKER | 14 | 20 | 2 | 27 | 1.3 | 17,179 | 3.9 | 670 | *** | 26 | +360 | 56 | +941 | + 03 | +39 | +127 |
| 1685248 | MAHONEY STARLITE BONUS | 31 | 15 | 5 | 37 | 1.3 | 17,623 | 3 6 | 638 | *** | 54 | +337 | 58 | +108 | - 03 | -1 | +6 |
| 1685357 | THUMB-PRIDE PERFECTOR | 7 | 10 | 7 | 25 | 1 7 | 21,577 | 3.7 | 794 | 10 | 12 | +311 | 48 | +2220 | - 16 | +55 | +239 |
| 1685359 | DONACRES DYNAMO-TWIN | 29 | 32 | 1 | 37 | 1 6 | 19,088 | 3 5 | 674 | 3 | 3 | +259 | 68 | +1706 | - 08 | +50 | +196 |
| 1685403 | CACHE-VALLEY ROCKET MONITOR | 110 | 7 | 12 | 33 | 1 4 | 21,481 | 3.2 | 685 | 9 | 26 | +273 | 46 | +1366 | -.13 | +29 | +139 |
| 1685527 | ST-CROIXCO ELEVATION LEE | 7 | 22 | 2 | 33 | 1.3 | 18,933 | 3.5 | 660 | 13 | 4 | +309 | 62 | +1773 | - 10 | +48 | +197 |
| 1685540 | CURTMAID ASTRONAUT DIXIE | 29 | 5 | 13 | 33 | 1.9 | 20,626 | 3.7 | 763 | 4 | 10 | +149 | 43 | +1003 | 00 | +37 | +127 |
| 1685573 | FISHERDALE STAR GROVE | 3 | 50 | 2 | 69 | 1.5 | 18,140 | 3 6 | 654 | 8 | 16 | +185 | 77 | +986 | - 03 | +31 | +117 |
| 1685803 | YULES-PRIDE ELEVATION ACE | 9 | 61 | 2 | 78 | 1 8 | 16,856 | 3 8 | 635 | 4 | 4 | +154 | 81 | +847 | - 01 | +30 | +106 |
| 1686245 | PACLAMAR CRESTLINER | 29 | 46 | 2 | 59 | 1 5 | 18,402 | 3 4 | 634 | 8 | 6 | +198 | 76 | +1230 | -.13 | +25 | +123 |
| 1686926 | ROBTHOM KNIGHT VEEMATT | 29 | 27 | 3 | 48 | 1 3 | 19,742 | 3.4 | 670 | 7 | 21 | +196 | 68 | +1373 | -.14 | +28 | +138 |
| 1687077 | A & H BILLY BOELYN | 40 | 14 | 1 | 16 | 1.5 | 18,791 | 3 6 | 677 | *** | 7 | +447 | 45 | +1484 | - 11 | +36 | +158 |
| 1687213 | GILTEX TRIUNE BOOTS | 110 | 14 | 2 | 19 | 1 8 | 19,481 | 3 7 | 721 | *** | 0 | +392 | 52 | +1308 | 00 | +48 | +166 |
| 1687535 | LEPRECHAUN DOMINANT | 40 | 17 | 1 | 21 | 1 6 | 17,518 | 3 5 | 618 | *** | 15 | +386 | 52 | +1473 | -.09 | +40 | +164 |
| 1687555 | GLEN-VALLEY ROCKET. | 40 | 10 | 2 | 14 | 1 1 | 18,803 | 3 3 | 624 | *** | 54 | +508 | 37 | +1286 | -.15 | +23 | +124 |
| 1687725 | JUNE-ACRES IDEAL MONARCH | 31 | 14 | 3 | 27 | 1.4 | 18,448 | 3 7 | 677 | *** | 28 | +219 | 54 | +298 | -.01 | +9 | +35 |
| 1687902 | TWIN-LAWN ELEVATION ANDY-TWIN | 21 | 26 | 2 | 38 | 1.5 | 18,607 | 3.5 | 659 | 4 | 29 | +309 | 63 | +1581 | -.10 | +41 | +173 |
| 1688114 | M-V-B-A NED JOLLEEN JOLLY | 17 | 91 | 3 | 153 | 1.5 | 16,496 | 3 6 | 601 | 9 | 18 | +104 | 87 | +960 | + 04 | +41 | +131 |
| 1688156 | DIXIEDEL APOLLO ULTRAGAY | 11 | 14 | 13 | 43 | 1 2 | 20,345 | 3.5 | 721 | *** | 54 | +356 | 56 | +929 | -.02 | +30 | +111 |
| 1688551 | AMES ROCKET CYCLONE-TWIN | 40 | 62 | 2 | 93 | 1.2 | 17,141 | 3 5 | 595 | 6 | 37 | +159 | 80 | +1165 | -.14 | +21 | +112 |
| 1688842 | ECRASO FREE LANCER-TWIN | 7 | 23 | 2 | 29 | 1.4 | 18,810 | 3.5 | 656 | 5 | 12 | +326 | 60 | +1400 | -.12 | +32 | +146 |
| 1688937 | BARSTEAD SENSATION COUNT | 3 | 53 | 1 | 56 | 1.5 | 17,822 | 3 3 | 596 | 2 | 8 | +199 | 75 | +1407 | -.17 | +25 | +135 |
| 1689186 | CLOCKTON FARMS IDEAL CONQUEROR | 40 | 22 | 2 | 31 | 1.4 | 16,889 | 3.5 | 590 | *** | 32 | +326 | 60 | +815 | -.14 | +8 | +68 |
| 1689264 | WENDORFS CINDERS COMET | 14 | 14 | 3 | 31 | 1.4 | 18,416 | 3.7 | 678 | *** | 32 | +171 | 54 | +1190 | -.01 | +42 | +148 |
| 1689470 | DALAND ELEVATED ATOM | 23 | 41 | 7 | 92 | 1.6 | 19,993 | 3.5 | 704 | 4 | 14 | +168 | 79 | +1532 | -.10 | +40 | +168 |
| 1689578 | BETTERWAY MOUNTAINEER-TWIN | 29 | 12 | 7 | 31 | 1.8 | 20,529 | 3.6 | 741 | 0 | 7 | +366 | 57 | +1005 | +.02 | +39 | +131 |
| 1689657 | IDELRIE ASTRONAUT CHIEF | 21 | 93 | 1 | 108 | 1.7 | 17,638 | 3.7 | 645 | 12 | 3 | +116 | 86 | +1401 | -.06 | +42 | +162 |
| 1689824 | C-S ROCKY SIDE IDEAL SAM | 11 | 22 | 14 | 64 | 1.2 | 18,647 | 3.8 | 706 | 0 | 34 | +293 | 64 | +1023 | +.01 | +38 | +130 |
| 1689839 | COLDSPRINGS ELEVATION FAGIN | 7 | 26 | 1 | 31 | 1.5 | 19,026 | 3 5 | 674 | 0 | 12 | +296 | 63 | +1686 | -.06 | +52 | +198 |
| 1689860 | BATTIST ROCKET MAGNUS | 7 | 34 | 1 | 40 | 1 6 | 19,002 | 3 4 | 654 | 3 | 11 | +250 | 69 | +1931 | -.09 | +55 | +219 |
| 1689900 | OLMAR STARBRITE | 17 | 82 | 2 | 118 | 1.3 | 16,901 | 3.6 | 608 | 14 | 32 | +133 | 84 | +1454 | -.03 | +48 | +176 |
| 1689995 | RWJS COMBO RADIUM-TWIN | 29 | 31 | 1 | 37 | 1.4 | 17,768 | 3 6 | 641 | 0 | 0 | +275 | 66 | +1385 | -.03 | +46 | +168 |
| 1690034 | TWIN-LOCUST CHRIS GAYIETY | 7 | 25 | 1 | 33 | 1 3 | 18,406 | 3.6 | 667 | 14 | 17 | +313 | 61 | +1116 | +.02 | +44 | +146 |
| 1690351 | RO-KA-H STAR JESS | 110 | 9 | 2 | 11 | 1.4 | 19,392 | 3.7 | 715 | *** | 0 | +515 | 36 | +1064 | +.02 | +41 | +138 |
| 1690363 | TRI-TOWN STARS PRIDE | 11 | 33 | 5 | 58 | 1.1 | 17,902 | 3.7 | 662 | 0 | 40 | +251 | 69 | +1162 | +.04 | +49 | +158 |
| 1690422 | MIDDESSA LIL ARLINDA | 7 | 4 | 13 | 24 | 2.2 | 19,065 | 3.8 | 720 | *** | 17 | +542 | 36 | +1588 | .00 | +58 | +201 |
| 1690429 | MWS PENN-DELL KING LLOYD | 1 | 13 | 3 | 20 | 1 3 | 18,567 | 3.5 | 657 | *** | 28 | +454 | 46 | +1197 | +.04 | +50 | +162 |
| 1690439 | OWN-LEE ELEVATION LADD | 1 | 15 | 4 | 38 | 1.4 | 18,561 | 3.5 | 650 | 4 | 32 | +338 | 60 | +1317 | -.09 | +34 | +144 |
| 1690469 | STEVINSON ELEVATION HENRY | 29 | 25 | 2 | 34 | 1.6 | 18,933 | 3.7 | 695 | 7 | 0 | +281 | 65 | +1306 | 02 | +50 | +169 |
| 1690601 | DANDY-LEA VIGOR-TWIN | 8 | 27 | 1 | 29 | 1 3 | 16,162 | 3.5 | 560 | 9 | 4 | +327 | 60 | +411 | -.08 | +3 | +33 |
| 1690602 | DANDY-LEA VIM-TWIN | 1 | 20 | 2 | 29 | 1.5 | 16,666 | 3.7 | 612 | 13 | 4 | +331 | 59 | +624 | - 02 | +20 | +74 |
| 1690612 | LEPRECHAUN VICTORIAN | 21 | 9 | 10 | 27 | 1.6 | 21,002 | 3.6 | 763 | 0 | 8 | +453 | 46 | +1911 | +.01 | +71 | +244 |
| 1690640 | ZION-VIEW ELEVATION NUGGET | 9 | 43 | 1 | 48 | 1.6 | 17,119 | 3 8 | 652 | 10 | 2 | +222 | 73 | +1052 | +.06 | +47 | +147 |
| 1690733 | TRI-TOWN SILVER WAVE | 11 | 19 | 2 | 30 | 1.4 | 17,594 | 3 4 | 606 | 0 | 11 | +334 | 59 | +1372 | - 13 | +29 | +139 |
| 1690843 | KINGSTEAD ELEVATION MATADOR | 9 | 61 | 1 | 77 | 1.8 | 17,588 | 3.4 | 604 | 5 | 3 | +149 | 82 | +1578 | -.18 | +29 | +153 |
| 1691097 | THONYMA ELECTRA | 1 | 36 | 2 | 52 | 1.2 | 18,022 | 3.5 | 630 | 0 | 24 | +242 | 70 | +1990 | -.13 | +52 | +218 |
| 1691474 | S-T-S IDEAL POSCH | 3 | 74 | 2 | 104 | 1.3 | 18,169 | 3.4 | 624 | 10 | 27 | +106 | 83 | +1468 | -.19 | +23 | +136 |
| 1691602 | KAY-HART CHIEF NAVIGATOR | 7 | 38 | 2 | 54 | 1.4 | 18,525 | 3 8 | 695 | 14 | 18 | +222 | 73 | +1009 | + 09 | +51 | +151 |
| 1691711 | L-PINE ARLINDA CHIEFTAIN | 21 | 48 | 1 | 52 | 1.2 | 17,118 | 3.7 | 635 | 12 | 26 | +238 | 71 | +1462 | - 06 | +43 | +168 |
| 1691991 | QUIETCOVE BON BON | 7 | 27 | 1 | 31 | 1.3 | 18,331 | 3.3 | 609 | *** | 19 | +193 | 61 | +1225 | - 13 | +24 | +121 |
| 1692094 | ROCBY APOLLO HONOR TWO | 40 | 45 | 2 | 68 | 1.2 | 16,743 | 3 4 | 566 | 16 | 32 | +122 | 75 | +1030 | -.19 | +9 | +84 |
| 1692148 | KNOLLTOP RECKERS ACE | 1 | 67 | 4 | 155 | 1.2 | 15,984 | 3 6 | 581 | 8 | 46 | +122 | 85 | +1232 | + 05 | +52 | +167 |
| 1692150 | M-JAYBEE GRAND SLAM-TWIN | 29 | 47 | 2 | 63 | 1.6 | 18,446 | 3.7 | 689 | 16 | 3 | +185 | 77 | +1127 | +.12 | +59 | +171 |
| 1692173 | HARVUE BLACK KNIGHT ABS | 29 | 32 | 1 | 40 | 1.6 | 19,150 | 3.5 | 671 | 6 | 8 | +253 | 69 | +1786 | -.12 | +46 | +195 |
| 1692206 | HILL-VILLA PROUD KNIGHT | 11 | 11 | 2 | 16 | 1.3 | 18,845 | 3.6 | 684 | *** | 23 | +351 | 43 | +1283 | -.07 | +36 | +145 |
| 1692253 | ARLINDA CREST | 40 | 20 | 2 | 29 | 1.2 | 19,558 | 3.3 | 653 | *** | 22 | +348 | 57 | +1594 | -.19 | +28 | +153 |
| 1692359 | ATWATER-FARM MONITOR WEST-TWIN | 29 | 37 | 2 | 51 | 1.5 | 18,573 | 3.5 | 653 | 10 | 9 | +223 | 73 | +1434 | -.08 | +40 | +161 |
| 1692428 | MIL-NOR-II DEACON-TWIN | 40 | 15 | 8 | 37 | 1.1 | 17,056 | 3.6 | 615 | *** | 49 | +377 | 54 | +485 | +.05 | +25 | +73 |
| 1692687 | SHADE-ACRES ABNER IDEAL | 15 | 58 | 1 | 68 | 1.4 | 16,940 | 3.6 | 610 | 14 | 14 | +182 | 78 | +1389 | -.14 | +28 | +139 |
| 1692742 | FULTONWAY TRANSFORMER | 15 | 57 | 2 | 78 | 1.4 | 15,997 | 3.9 | 616 | 12 | 11 | +170 | 79 | +955 | +.06 | +43 | +134 |
| 1692759 | EAGLE-ACRES ELEVATION CAP | 17 | 82 | 2 | 108 | 1.4 | 16,842 | 3.5 | 596 | 6 | 30 | +136 | 83 | +1181 | -.09 | +29 | +126 |
| 1693030 | CABIN-RUN ELEVATION LUKE | 29 | 14 | 3 | 26 | 1.3 | 21,102 | 3.6 | 769 | *** | 50 | +379 | 53 | +1385 | -.03 | +45 | +166 |
| 1693040 | STONEYLAWN PACLAMAR LEPRECHAUN | 29 | 23 | 2 | 38 | 1.1 | 19,100 | 3 6 | 687 | 5 | 18 | +301 | 63 | +1157 | -.05 | +35 | +135 |
| 1693308 | LONG-HAVEN ROCKET ELI | 29 | 45 | 1 | 55 | 1 2 | 18,925 | 3 5 | 671 | 7 | 29 | +225 | 72 | +1432 | -.09 | +38 | +158 |
| 1693549 | RUANN MINUTEMAN | 40 | 15 | 11 | 50 | 1.2 | 23,231 | 3 4 | 796 | 0 | 54 | +244 | 60 | +1803 | - 09 | +51 | +204 |
| 1693587 | OPPORTUNITY SHALIMAR | 3 | 34 | 1 | 39 | 1.8 | 17,752 | 3 7 | 653 | 0 | 0 | +249 | 69 | +1198 | + 06 | +53 | +166 |
| 1693918 | WILCOXVIEW SENSATION ROY | 40 | 9 | 2 | 13 | 1 3 | 17,612 | 3 3 | 588 | *** | 25 | +499 | 38 | +954 | - 08 | +23 | +101 |
| 1694006 | GREEN-BANKS OAK STAR-TWIN | 15 | 71 | 2 | 92 | 1 3 | 16,620 | 3 4 | 566 | 9 | 16 | +153 | 81 | +1201 | -.19 | +15 | +105 |
| 1694023 | GERLOFF SENSATIONAL SPARTAN | 40 | 24 | 2 | 36 | 1 5 | 18,979 | 3 5 | 657 | 4 | 17 | +288 | 65 | +1443 | - 12 | +33 | +151 |
| 1694070 | GREAT-VIEW BRAHMS BEST. | 9 | 51 | 2 | 64 | 1 4 | 17,411 | 3 7 | 640 | 16 | 8 | +194 | 76 | +1023 | - 06 | +28 | +114 |
| 1694079 | ALICIAS ELEVATION PLATEAU | 29 | 39 | 1 | 44 | 1.3 | 18,600 | 3 5 | 648 | 13 | 39 | +259 | 68 | +1608 | - 13 | +38 | +170 |
| 1694082 | HIGHER-VIEW REPUTATION | 1 | 36 | 3 | 64 | 1 1 | 17,043 | 3 4 | 585 | 7 | 47 | +237 | 71 | +1301 | - 15 | +24 | +126 |
| 1694445 | CLIFF-SPRING PANDORA PARAGON | 11 | 25 | 2 | 34 | 1 2 | 17,844 | 3 9 | 694 | *** | 23 | +318 | 61 | +925 | + 12 | +51 | +145 |
| 1694572 | FREEBROOK RAG APPLE SHAMROCK | 3 | 72 | 1 | 86 | 1 5 | 18,239 | 3 4 | 623 | 8 | 13 | +147 | 82 | +1352 | -.13 | +29 | +138 |

(Turn to Page D18)

# Sire Summary

(Continued from Page D17)

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1694573 | ADAMS-BROS COCKNEY PILOT..... | 3 | 54 | 1 | 60 | 1.5 | 17.519 | 3 | 8 | 667 | 12 | 21 | +194 | 76 | +1056 | +.16 | +63 | +173 |
| 1694652 | KRAHNS MEDALLION..... | 21 | 62 | 1 | 68 | 1.3 | 17.387 | 3 | 5 | 604 | 5 | 38 | +194 | 76 | +1794 | -.17 | +38 | +182 |
| 1694665 | WILLOWCRAG MATT MARCUS MERIT.. | 16 | 17 | 2 | 25 | 1.1 | 16.421 | 3 | 4 | 557 | *** | 36 | +212 | 51 | +893 | -.05 | +25 | +101 |
| 1694881 | CAERNARVON ELECT..... | 31 | 7 | 3 | 12 | 1.1 | 16.252 | 3.7 | | 598 | *** | 42 | +537 | 34 | +79 | +.01 | +5 | +13 |
| 1694963 | SKYHURST TOP CHIEF. ..... | 7 | 14 | 2 | 20 | 1.4 | 19.597 | 3.5 | | 693 | *** | 26 | +437 | 48 | +1284 | -.07 | +36 | +145 |
| 1695206 | KNOB-LICK GALEN..... | 29 | 36 | 1 | 39 | 1 4 | 19.529 | 3 | 4 | 637 | 0 | 17 | +197 | 68 | +1352 | -.14 | +28 | +136 |
| 1695218 | OAK-HILLRANCH TEMPEST..... | 29 | 28 | 2 | 37 | 1 5 | 18.438 | 3 | 6 | 663 | 6 | 3 | +273 | 66 | +1545 | -.01 | +55 | +193 |
| 1695219 | OAKMULGEE GEE OAK-HILL EXCLAIM | 110 | 10 | 25 | 47 | 1.4 | 19.023 | 3 | 7 | 698 | 7 | 3 | +416 | 49 | +1257 | -.08 | +34 | +140 |
| 1695220 | ARLINDA DER PHONIX..... | 40 | 20 | 1 | 25 | 1.5 | 17.855 | 3.6 | | 647 | 9 | 12 | +151 | 56 | +940 | -.04 | +28 | +109 |
| 1695258 | C TAMLANE ROCKMAN SENATOR .... | 40 | 33 | 4 | 57 | 1 7 | 18.938 | 3 | 5 | 663 | 3 | 33 | -11 | 71 | +1523 | -.12 | +37 | +162 |
| 1695482 | CLARETTA ELEVATION BUTTON..... | 40 | 23 | 2 | 31 | 1.1 | 17.191 | 3.5 | | 601 | *** | 38 | +354 | 56 | +1102 | 00 | +40 | +139 |
| 1695501 | ECRASO SILVER ROCKET-TWIN..... | 11 | 14 | 2 | 23 | 1.2 | 19.079 | 3 | 4 | 642 | *** | 57 | +395 | 51 | +1484 | -.16 | +29 | +147 |
| 1695505 | BREEDYK STAR ASTRONAUT CHIEF.. | 23 | 35 | 6 | 107 | 1 3 | 19.580 | 3 | 5 | 686 | 8 | 34 | +168 | 79 | +1189 | - 06 | +34 | +135 |
| 1695963 | WIL-DO CARROLLTON DOMINATOR... | 17 | 41 | 1 | 52 | 1 2 | 16.324 | 3 | 7 | 607 | *** | 60 | +250 | 69 | +558 | +.13 | +40 | +102 |
| 1695981 | EXRANCO RUFFIAN..... | 23 | 33 | 6 | 81 | 1 2 | 19.988 | 3 | 5 | 697 | 3 | 39 | +153 | 75 | +1352 | - 08 | +37 | +151 |
| 1696013 | SUNNYSIDE VIVA..... | 11 | 18 | 2 | 29 | 1 1 | 18.081 | 3.7 | | 664 | *** | 55 | +114 | 56 | +881 | + 01 | +33 | +113 |
| 1696047 | WILLOLEA MOONLITE... ..... | 7 | 26 | 1 | 33 | 1 5 | 17.691 | 3 | 6 | 642 | 0 | 30 | +224 | 64 | +915 | +.02 | +36 | +120 |
| 1696190 | MARVILLA DESIGNER-TWIN..... | 76 | 19 | 3 | 37 | 1 2 | 16.879 | 3.7 | | 628 | *** | 48 | +178 | 58 | +497 | + 03 | +22 | +69 |
| 1696492 | ROBTHOM ELEVATION SKYCHIEF.... | 16 | 50 | 2 | 83 | 1.1 | 16.437 | 3 | 5 | 581 | 7 | 61 | +188 | 77 | +1515 | - 01 | +53 | +188 |
| 1697109 | NOWERLAND IDEAL CLIFFORD..... | 11 | 15 | 2 | 24 | 1.0 | 19.230 | 3 | 6 | 701 | *** | 54 | +406 | 50 | +1227 | 00 | +45 | +155 |
| 1697162 | STRICKLER KEN ROYAL..... | 29 | 32 | 2 | 44 | 1.3 | 18.021 | 3.7 | | 671 | 6 | 12 | +197 | 68 | +962 | +.11 | +51 | +147 |
| 1697370 | SAPA-SKA JEWEL CHIEF..... | 17 | 56 | 2 | 79 | 1.3 | 17.296 | 3.4 | | 580 | 11 | 39 | +184 | 77 | +1832 | -.24 | +28 | +169 |
| 1697418 | BALSAM-ACRES IDEAL GOAR..... | 3 | 49 | 1 | 54 | 1.4 | 18.009 | 3.5 | | 638 | 14 | 13 | +212 | 74 | +1090 | -.02 | +37 | +133 |
| 1697421 | HARMONY-CORNERS TWILIGHT..... | 29 | 41 | 2 | 52 | 1.3 | 17.826 | 3.7 | | 660 | 10 | 12 | +228 | 72 | +1285 | +.06 | +56 | +177 |
| 1697514 | KINGLEA M & M..... | 15 | 50 | 2 | 63 | 1.7 | 17.120 | 3 | 5 | 599 | 6 | 0 | +99 | 77 | +1087 | -.17 | +14 | +96 |
| 1697572 | ARLINDA ROTATE ..... | 7 | 5 | 26 | 33 | 1.1 | 22.826 | 3 | 6 | 811 | *** | 55 | +563 | 33 | +1912 | -.02 | +66 | +236 |
| 1697698 | SHUFARMS ELEVATION LUCKY..... | 7 | 6 | 16 | 26 | 1.4 | 18.075 | 3 | 5 | 638 | *** | 25 | +545 | 35 | +1303 | -.02 | +45 | +161 |
| 1697719 | LA-DINE NED STARLITE BEN..... | 7 | 29 | 2 | 38 | 1 3 | 19.359 | 3 | 6 | 705 | 9 | 32 | +285 | 65 | +1636 | -.02 | +57 | +202 |
| 1697852 | LARRYDALE TALLYHO..... | 40 | 13 | 3 | 25 | 1.4 | 19.376 | 3 | 7 | 709 | *** | 24 | +377 | 53 | +671 | + 01 | +26 | +87 |
| 1698093 | ELM-NOR-WAY IMPERIAL ART..... | 29 | 45 | 1 | 53 | 1.2 | 18.161 | 3 | 5 | 638 | 4 | 43 | +228 | 72 | +1450 | -.14 | +31 | +148 |
| 1698115 | BROOKVIEW MILKMAKER-TWIN..... | 14 | 33 | 3 | 63 | 1 2 | 17.951 | 3 | 6 | 653 | 6 | 31 | +124 | 71 | +1015 | -.07 | +26 | +110 |
| 1698122 | DANDI KNOWN VIOLENCE..... | 31 | 6 | 4 | 14 | 1 0 | 20.148 | 3 | 4 | 687 | *** | 50 | +538 | 34 | +1129 | -.18 | +13 | +97 |
| 1698221 | KRAHNS NEPTUNE .... ..... | 21 | 69 | 1 | 78 | 1.1 | 16.515 | 3 | 8 | 624 | 4 | 60 | +181 | 78 | +770 | + 09 | +41 | +118 |
| 1698712 | KNOB-VIEW JEWELMAKER..... | 29 | 23 | 2 | 33 | 1 2 | 20.351 | 3 | 5 | 705 | 9 | 17 | +237 | 61 | +1245 | -.07 | +34 | +139 |
| 1698738 | LIME-VALLEY LUCKY PRINT-TWIN.. | 29 | 41 | 1 | 49 | 1 4 | 19.619 | 3 | 7 | 719 | 0 | 20 | +228 | 72 | +2062 | -.04 | +69 | +251 |
| 1698918 | EAGLE-ACRES CHIEF KNIGHT..... | 29 | 52 | 1 | 61 | 1 3 | 17.962 | 3 | 7 | 656 | 5 | 24 | +197 | 76 | +1072 | + 01 | +40 | +137 |
| 1698925 | ROCBY FAYNE VENTURA ..... | 40 | 16 | 2 | 27 | 1 0 | 20.262 | 3 | 5 | 718 | *** | 46 | +373 | 54 | +1333 | - 06 | +39 | +153 |
| 1698983 | DUNKOMO KNIGHT CRAWLER..... | 11 | 18 | 18 | 48 | 1 0 | 21.738 | 3 | 5 | 751 | *** | 75 | +362 | 55 | +1764 | -.13 | +43 | +188 |
| 1699192 | REU-HEL FARMS ROCKETFIRE..... | 40 | 10 | 2 | 12 | 1 0 | 18.858 | 3 | 4 | 633 | *** | 83 | +529 | 35 | +1575 | -.15 | +34 | +161 |
| 1699379 | RONDOUT IDEAL SUNSHINE..... | 3 | 39 | 1 | 39 | 1 4 | 17.489 | 3 | 6 | 628 | 12 | 32 | +73 | 68 | +907 | -.02 | +30 | +110 |
| 1699493 | K-WAY APOSTLE KING VIC..... | 29 | 41 | 2 | 53 | 1 2 | 18.903 | 3 | 6 | 684 | 18 | 41 | +99 | 72 | +1306 | + 01 | +49 | +167 |
| 1700345 | SEACORD-FARM SEARS ALCOTT..... | 3 | 48 | 1 | 51 | 1 3 | 17.917 | 3 | 4 | 610 | 4 | 43 | +230 | 72 | +1303 | -.17 | +21 | +122 |
| 1700429 | WILLOLEA SUNSETTER ..... | 40 | 20 | 2 | 26 | 1.0 | 18.165 | 3 | 5 | 641 | *** | 68 | +390 | 52 | +1205 | - 09 | +30 | +130 |
| 1700553 | KINGWAY ELEVATION VERY.. .... | 15 | 106 | 2 | 149 | 1 4 | 17.090 | 4 | 0 | 686 | 6 | 20 | +75 | 88 | +869 | + 30 | +76 | +182 |
| 1700793 | DODD-HILL TOP GOVERNOR-TWIN... | 40 | 20 | 1 | 22 | 1 0 | 17.687 | 3 | 7 | 658 | *** | 77 | +405 | 50 | +1022 | + 07 | +47 | +145 |
| 1700794 | DODD-HILL TOP SHOT-TWIN. ..... | 7 | 34 | 1 | 38 | 1 0 | 17.918 | 3 | 4 | 607 | *** | 53 | +298 | 63 | +1421 | - 13 | +31 | +146 |
| 1700918 | PRECIES ASTRO BUTTER BOY. .... | 40 | 11 | 4 | 22 | 1 4 | 19.273 | 3 | 5 | 683 | *** | 20 | +422 | 48 | +330 | - 11 | -4 | +16 |
| 1700985 | HIDDENDALE APRILS COMBINATION. | 7 | 28 | 1 | 33 | 1 2 | 18.483 | 3 | 5 | 649 | *** | 31 | +314 | 61 | +1240 | -.07 | +35 | +140 |
| 1701067 | MINES SUPER STAR ..... | 7 | 24 | 1 | 27 | 1 0 | 18.321 | 3 | 6 | 656 | *** | 63 | +359 | 56 | +1491 | -.06 | +45 | +173 |
| 1701501 | SIERRA IVANHOE BISHOP-TWIN.... | 31 | 7 | 15 | 34 | 1.2 | 16.642 | 3 | 7 | 619 | 0 | 25 | +180 | 45 | +367 | + 08 | +25 | +65 |
| 1701600 | THONYMA COMMANDO ..... | 1 | 35 | 2 | 52 | 1 1 | 17.706 | 3 | 5 | 613 | *** | 57 | +251 | 69 | +1514 | - 12 | +36 | +160 |
| 1701643 | FARMCREST MADELLO..... | 7 | 29 | 3 | 44 | 1 0 | 18.044 | 3 | 7 | 676 | *** | 75 | +288 | 65 | +881 | +.10 | +47 | +135 |
| 1701718 | TRI-TOWN SUPER STAR..... | 11 | 16 | 15 | 41 | 1.0 | 19.004 | 3 | 7 | 695 | *** | 88 | +385 | 53 | +1069 | + 01 | +41 | +138 |
| 1701719 | VILLAGE-EDGE REBEL..... | 11 | 14 | 2 | 21 | 1.0 | 18.970 | 3 | 4 | 654 | *** | 95 | +437 | 46 | +1556 | -.10 | +41 | +171 |
| 1701725 | BAR-VEE IDEAL HOST..... | 110 | 8 | 8 | 24 | 1.4 | 17.156 | 3 | 9 | 673 | *** | 17 | +446 | 45 | +918 | + 04 | +40 | +127 |
| 1701726 | SINKING-SPRINGS ROCKET MANDATE | 15 | 34 | 1 | 39 | 1.2 | 17.358 | 3 | 6 | 625 | *** | 41 | +289 | 64 | +1544 | -.10 | +41 | +170 |
| 1701764 | CLINGCO DUKE APOLLO 2..... | 7 | 9 | 4 | 16 | 2.0 | 18.888 | 3 | 3 | 622 | *** | 0 | +506 | 40 | +1241 | -.09 | +31 | +134 |
| 1701858 | CONANT-ACRES BRIGADIER MIGHTY. | 40 | 13 | 2 | 17 | 1.0 | 16.945 | 3 | 5 | 595 | *** | 59 | +472 | 42 | +581 | -.03 | +16 | +65 |
| 1702128 | CREEK-BLUFF J S NOAH..... | 9 | 63 | 1 | 79 | 1.4 | 17.554 | 3 | 7 | 650 | 4 | 22 | +166 | 80 | +1356 | .00 | +49 | +171 |
| 1702282 | BADGERVALE VENTURE..... | 11 | 16 | 3 | 32 | 1.1 | 21.207 | 3.6 | | 769 | *** | 59 | +349 | 57 | +1440 | +.01 | +54 | +184 |
| 1702519 | MONTHURST COMET MATT..... | 14 | 10 | 2 | 13 | 1.0 | 17.830 | 3 | 5 | 616 | *** | 92 | +221 | 33 | +951 | -.14 | +14 | +87 |
| 1702521 | KJH HAZEL MAGNET HE-MAN.. .... | 17 | 73 | 2 | 97 | 1.1 | 17.538 | 3 | 5 | 606 | 9 | 60 | +160 | 80 | +1600 | -.13 | +37 | +168 |
| 1702698 | FOUNTAIN-HILL R A ACHILLES.... | 3 | 65 | 2 | 83 | 1.2 | 19.826 | 3 | 3 | 650 | 5 | 43 | +165 | 80 | +2459 | - 32 | +37 | +225 |
| 1702759 | PENN-DELL GAY JESS. ..... | 16 | 25 | 2 | 38 | 1.1 | 15.678 | 3 | 6 | 563 | *** | 63 | +334 | 59 | +1179 | + 04 | +49 | +159 |
| 1702760 | LAURA-LE ELEVATION MAGIC..... | 3 | 136 | 2 | 209 | 1.0 | 18.056 | 3 | 7 | 669 | 11 | 75 | +87 | 89 | +1005 | + 12 | +54 | +155 |
| 1702962 | CARPSDALE STARLITE PRINCE..... | 11 | 12 | 7 | 25 | 1.0 | 18.078 | 3 | 9 | 702 | *** | 92 | +446 | 45 | +929 | + 05 | +41 | +129 |
| 1702986 | KILLDEE ASTROCHIEF WISEMAN.... | 9 | 58 | 2 | 76 | 1 1 | 17.037 | 3 | 6 | 615 | 14 | 55 | +186 | 77 | +1340 | - 04 | +43 | +160 |
| 1703096 | MIDROCK KINGPIN FREEDOM..... | 29 | 31 | 1 | 38 | 1 0 | 18.546 | 3 | 4 | 628 | *** | 74 | +299 | 63 | +1539 | - 15 | +32 | +155 |
| 1703247 | WELMAC GAY AMOS-TWIN..... | 40 | 9 | 1 | 11 | 1 0 | 16.928 | 3 | 7 | 625 | *** | 91 | +544 | 33 | +1188 | + 01 | +44 | +151 |
| 1703462 | JUNE-ACRES RAG APPLE HEILO.... | 7 | 6 | 24 | 45 | 1.1 | 22.682 | 3 | 5 | 795 | 17 | 27 | +455 | 44 | +1836 | - 15 | +43 | +193 |
| 1703472 | VT-POND-VIEW IDEAL ELVIS..... | 11 | 10 | 3 | 17 | 1 0 | 20.171 | 3.7 | | 741 | *** | 82 | +476 | 41 | +967 | -.01 | +33 | +119 |
| 1703603 | SILVA-DAIRY STARLITE KIT..... | 11 | 20 | 14 | 55 | 1.0 | 19.807 | 3.4 | | 675 | *** | 82 | +316 | 61 | +1979 | -.24 | +34 | +188 |
| 1704268 | TABUR RADAR..... | 29 | 18 | 2 | 25 | 1.3 | 21.950 | 3 | 5 | 765 | *** | 27 | +159 | 56 | +1568 | -.11 | +39 | +169 |
| 1704400 | EDMARAL ECLIPSE..... | 40 | 14 | 2 | 18 | 1 0 | 20.391 | 3 | 5 | 723 | *** | 39 | +450 | 44 | +1155 | -.03 | +37 | +138 |
| 1704438 | TRI-TOWN STEADY STAR..... | 110 | 26 | 5 | 65 | 1 2 | 19.983 | 3 | 5 | 698 | 0 | 47 | +239 | 71 | +1674 | -.13 | +41 | +179 |
| 1704526 | POTTS APOLLO ORCHARD CREST.... | 29 | 11 | 2 | 18 | 1 0 | 19.649 | 3 | 5 | 685 | *** | 76 | +465 | 43 | +1271 | -.06 | +37 | +145 |
| 1705198 | RUANN ENGINEER..... ..... | 29 | 23 | 2 | 31 | 1 1 | 18.953 | 3 | 5 | 668 | *** | 55 | +338 | 58 | +1510 | - 09 | +41 | +168 |
| 1705226 | HARPAIN ROCKET BONUS..... .... | 110 | 1 | 15 | 15 | 1.0 | 19.584 | 3 | 3 | 655 | *** | 50 | +673 | 20 | +1144 | - 12 | +24 | +116 |
| 1705317 | CHAR-SAM STARLITE KING..... | 11 | 22 | 3 | 38 | 1.2 | 18.678 | 3 | 6 | 681 | *** | 41 | +311 | 62 | +1047 | -.02 | +35 | +127 |
| 1705383 | DUNWOOD GAY CRYSTAN..... | 11 | 12 | 1 | 13 | 1 0 | 20.233 | 3 | 5 | 707 | *** | 85 | +505 | 38 | +1033 | - 02 | +35 | +126 |
| 1705804 | PRUITTS DYNASTY..... | 29 | 18 | 1 | 23 | 1 0 | 21.099 | 3 | 5 | 731 | *** | 91 | +393 | 52 | +1362 | -.07 | +39 | +155 |
| 1705850 | HARMONY-CORNERS SIMON-TWIN.... | 17 | 29 | 2 | 38 | 1 1 | 18.081 | 3 | 5 | 624 | *** | 72 | +319 | 61 | +1331 | - 05 | +40 | +154 |
| 1706010 | RICH-RU CHIEF ELKARA ..... | 3 | 57 | 1 | 61 | 1 2 | 18.048 | 3 | 5 | 636 | 8 | 53 | +205 | 75 | +1279 | - 09 | +33 | +140 |
| 1706012 | PENMAR APOLLO GAY... ..... | 14 | 9 | 1 | 10 | 1 0 | 17.979 | 3 | 8 | 685 | *** | 90 | +582 | 28 | +942 | - 01 | +33 | +117 |
| 1706037 | LDH PABST NEBULA ... ..... | 3 | 55 | 1 | 59 | 1 0 | 17.422 | 3 | 7 | 647 | *** | 86 | +221 | 73 | +1003 | + 06 | +48 | +151 |
| 1706061 | S-S-F ASTRONAUT BLEND..... | 40 | 11 | 1 | 12 | 1 0 | 18.864 | 3 | 5 | 663 | *** | 91 | +405 | 34 | +1270 | - 09 | +33 | +139 |
| 1706356 | M-V-B-A WYAN LEAH CHEROKEE.... | 17 | 70 | 2 | 87 | 1.1 | 16.547 | 3 | 6 | 602 | 12 | 47 | +172 | 79 | +1042 | + 04 | +44 | +141 |
| 1706418 | CAL-CAB MAGNUM..... ..... | 7 | 27 | 2 | 38 | 1.0 | 18.377 | 3 | 6 | 658 | *** | 66 | +181 | 62 | +1012 | + 01 | +38 | +130 |
| 1706984 | JOLIAM MONITOR STANDO MAGIC... | 11 | 13 | 5 | 26 | 1.0 | 21.086 | 3 | 3 | 698 | *** | 92 | +419 | 48 | +1233 | - 10 | +30 | +132 |
| 1707240 | DEDOCO ROCKET HARTLEY..... | 40 | 21 | 2 | 27 | 1.0 | 18.235 | 3 | 6 | 649 | *** | 89 | +378 | 53 | +1396 | - 08 | +38 | +156 |
| 1707522 | VIR-CLAR GAY JOHN JUAN..... | 21 | 56 | 1 | 57 | 1.0 | 17.257 | 3 | 7 | 640 | *** | 66 | +230 | 72 | +1298 | 00 | +47 | +163 |

(Turn to Page D19)

# Sire Summary

(Continued from Page D18)

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1708145 | EAGLE-ACRES STARLITE ALLEN.... | 29 | 20 | 2 | 27 | 1.0 | 18.847 | 3.8 | 713 | *** | 78 | +376 | 54 | +1214 | +.05 | +52 | +166 |
| 1708160 | LE-DEL APOLLO DUSTER..... | 1 | 35 | 2 | 47 | 1.2 | 17.937 | 3.5 | 620 | 4 | 29 | +74 | 68 | +1388 | -.14 | +28 | +139 |
| 1708620 | BUCKSTEAD ULYSSES..... | 9 | 61 | 2 | 78 | 1.1 | 17.452 | 3.7 | 639 | 11 | 49 | +185 | 77 | +1176 | -.05 | +35 | +136 |
| 1708707 | U-OF-MINN R HOMESTEAD ARIS-RED | 17 | 31 | 2 | 42 | 1.1 | 15.718 | 3.6 | 564 | *** | 61 | +126 | 64 | +327 | -.03 | +8 | +35 |
| 1708916 | WIL-O-JON BELLRINGER..... | 21 | 43 | 1 | 47 | 1.0 | 16.931 | 3.7 | 623 | *** | 68 | +262 | 68 | +1165 | -.03 | +37 | +138 |
| 1708937 | ECRASO ASTROGLEN JAX..... | 29 | 14 | 2 | 22 | 1.0 | 19.531 | 3.5 | 676 | *** | 100 | +416 | 49 | +1191 | -.06 | +34 | +135 |
| 1708989 | CAERNARVON MODEL A..... | 31 | 7 | 3 | 12 | 1.1 | 17.920 | 3.5 | 635 | *** | 67 | +410 | 33 | +348 | -.02 | +10 | +40 |
| 1709598 | DORLOY MONITOR DINO..... | 9 | 42 | 1 | 47 | 1.0 | 18.163 | 3.6 | 658 | *** | 83 | +272 | 66 | +1250 | -.09 | +32 | +136 |
| 1709764 | OVALTOP INDEPENDENCE..... | 9 | 47 | 1 | 56 | 1.0 | 18.005 | 3.7 | 665 | *** | 88 | +249 | 69 | +1612 | -.05 | +50 | +189 |
| 1709892 | DUKE JADE STARLITE OF R-K-O... | 17 | 36 | 1 | 45 | 1.0 | 17.244 | 3.6 | 626 | *** | 87 | +287 | 65 | +1630 | - 02 | +56 | +200 |
| 1710057 | WALKWAY MONITOR JOEL..... | 21 | 56 | 1 | 61 | 1.0 | 17.046 | 3 7 | 627 | *** | 87 | +224 | 72 | +1229 | -.02 | +42 | +151 |
| 1710104 | BELLEVERNON STARGAZER..... | 3 | 54 | 2 | 70 | 1 0 | 18.236 | 3 7 | 676 | *** | 83 | +207 | 75 | +1152 | +.07 | +52 | +162 |
| 1710278 | REYNACRES KIRK ROMA..... | 3 | 53 | 2 | 65 | 1 0 | 18.938 | 3 5 | 658 | *** | 78 | +211 | 74 | +1816 | -.11 | +49 | +202 |
| 1710456 | M-V-B-A ROMEO JOLLEEN BENEFIT. | 17 | 22 | 1 | 25 | 1.0 | 17.406 | 3 4 | 596 | *** | 80 | +304 | 51 | +1039 | -.04 | +32 | +122 |
| 1710540 | LITTLE WILLOW HAMILTON..... | 40 | 18 | 2 | 25 | 1.0 | 18.830 | 3 4 | 647 | *** | 84 | +400 | 51 | +1374 | -.10 | +34 | +148 |
| 1710860 | AR-LOY WYANDALE HUTCH KING.... | 17 | 50 | 2 | 60 | 1 2 | 17.837 | 3 6 | 637 | 0 | 50 | +226 | 72 | +1517 | - 05 | +47 | +178 |
| 1711009 | HI-DE-HO LAUXMONT IDEAL..... | 110 | 12 | 17 | 37 | 1.2 | 19.079 | 3 6 | 691 | *** | 43 | +420 | 48 | +924 | -.10 | +18 | +91 |
| 1711052 | ARLINDA CHRISTOPHER..... | 29 | 8 | 5 | 23 | 1.1 | 22.513 | 3.2 | 727 | *** | 48 | +480 | 43 | +2167 | -.20 | +46 | +220 |
| 1711546 | PEPST R C NERO..... | 21 | 40 | 1 | 41 | 1.0 | 17.534 | 3.7 | 640 | *** | 65 | +293 | 64 | +1561 | -.06 | +47 | +181 |
| 1711696 | MOWRY-K POLY KNIGHT..... | 15 | 35 | 1 | 40 | 1.0 | 15.470 | 3 7 | 576 | *** | 63 | +300 | 63 | +717 | +.05 | +34 | +103 |
| 1712032 | MARLU HALCYON..... | 29 | 25 | 2 | 31 | 1.0 | 17.611 | 3 6 | 629 | *** | 77 | +339 | 58 | +1170 | - 08 | +31 | +129 |
| 1712058 | BALLS ASTRO LU G..... | 1 | 23 | 2 | 33 | 1.0 | 17.675 | 3 5 | 611 | *** | 82 | +261 | 58 | +1217 | -.14 | +22 | +118 |
| 1712271 | EXRANCO ELECTRON-TWIN..... | 23 | 34 | 3 | 57 | 1.0 | [illegible].915 | 3.6 | 717 | *** | 73 | +242 | 70 | +1259 | -.02 | +43 | +154 |
| 1712594 | ROSE-E-VUE MONITOR ELEVATOR... | 29 | 14 | 3 | 24 | 1 0 | 21.779 | 3 4 | 737 | *** | 88 | +410 | 49 | +1338 | -.11 | +32 | +142 |
| 1712719 | SIDHIL TRIUNE CASANOVA..... | 3 | 46 | 1 | 51 | 1.0 | 17.796 | 3 5 | 631 | *** | 94 | +250 | 69 | +1270 | -.04 | +40 | +150 |
| 1712838 | EXETER-HILLS FONZIE..... | 11 | 12 | 5 | 26 | 1 0 | 19.472 | 3 6 | 707 | *** | 100 | +416 | 49 | +1036 | +.02 | +41 | +136 |
| 1713092 | PHELPS-ECHO ASHFORD..... | 3 | 44 | 1 | 47 | 1.2 | 18.192 | 3 6 | 654 | *** | 49 | +247 | 70 | +1189 | +.01 | +45 | +153 |
| 1713710 | ENG-AMER VEEDICTION SURPRISE.. | 11 | 9 | 2 | 14 | 1.0 | 19.938 | 3 5 | 699 | *** | 93 | +514 | 37 | +1301 | -.10 | +32 | +139 |
| 1713774 | DUNRENTIN ROCKET SUPERSONIC... | 40 | 16 | 1 | 16 | 1.0 | 15.907 | 3 6 | 575 | *** | 100 | +476 | 41 | +1204 | -.06 | +35 | +138 |
| 1713779 | WILGERBIN ELEVATION HERO-TWIN. | 11 | 7 | 4 | 18 | 1.2 | 19.334 | 3 6 | 705 | *** | 29 | +512 | 39 | +1182 | -.03 | +39 | +143 |
| 1713821 | SINNISSIPPI SKOKIE SPOT-TWIN.. | 29 | 24 | 1 | 30 | 1 0 | 17.986 | 3 4 | 616 | *** | 90 | +351 | 57 | +1356 | -.15 | +26 | +133 |
| 1714056 | OAK-HILLRANCH JUSTICE..... | 29 | 27 | 1 | 30 | 1.0 | 18.142 | 3.5 | 642 | *** | 87 | +344 | 58 | +1185 | -.09 | +29 | +127 |
| 1714200 | RAMBLEWOOD KINGS RANSOME..... | 40 | 16 | 2 | 24 | 1.0 | 18.346 | 3 4 | 622 | *** | 58 | +408 | 50 | +1552 | -.17 | +30 | +153 |
| 1714278 | RUANN AC LOGIC..... | 29 | 25 | 1 | 30 | 1 0 | 18.216 | 3 7 | 666 | *** | 100 | +352 | 57 | +1255 | .00 | +46 | +159 |
| 1714309 | RUANN ROCKET ROSSITER..... | 29 | 32 | 1 | 38 | 1 0 | 18.245 | 3 4 | 621 | *** | 92 | +301 | 63 | +1712 | -.17 | +35 | +172 |
| 1714827 | ARLINDA TILLER..... | 29 | 23 | 2 | 33 | 1 0 | 17.923 | 3 5 | 621 | *** | 97 | +336 | 59 | +1225 | -.09 | +31 | +133 |
| 1715052 | MARLU MARK..... | 29 | 22 | 1 | 25 | 1 0 | 17.602 | 3.5 | 624 | *** | 88 | +383 | 53 | +1195 | -.08 | +31 | +131 |
| 1715076 | M-V-B-A DELL DANDY DELIVERER.. | 17 | 30 | 2 | 37 | 1.1 | 18.193 | 3.4 | 625 | *** | 73 | +320 | 61 | +1829 | -.08 | +53 | +209 |
| 1715227 | PLATZ ARLINDA GLORY STAR T.... | 40 | 20 | 2 | 27 | 1.1 | 17.546 | 3.5 | 617 | *** | 48 | +368 | 55 | +1000 | -.08 | +24 | +106 |
| 1715229 | STILLWELL OLLIE STAR..... | 40 | 14 | 2 | 23 | 1.0 | 17.649 | 3.6 | 638 | *** | 91 | +421 | 48 | +543 | +.04 | +26 | +79 |
| 1716071 | DEMMERS APOLLO ROCKET GENIUS.. | 17 | 51 | 1 | 59 | 1.0 | 17.626 | 3.5 | 616 | *** | 83 | +237 | 71 | +1417 | -.04 | +46 | +170 |
| 1716720 | LIME-VALLEY LIGHTNING..... | 15 | 28 | 1 | 33 | 1 0 | 18.017 | 3.7 | 669 | *** | 47 | +336 | 59 | +1216 | + 02 | +47 | +158 |
| 1716945 | DUNGA-BROOK ANTICIPATE..... | 3 | 45 | 1 | 50 | 1 0 | 17.478 | 3.7 | 642 | *** | 84 | +254 | 69 | +1136 | .00 | +42 | +144 |
| 1717121 | GLEN-LU-CREST SUPER SPORT..... | 40 | 22 | 1 | 26 | 1.0 | 17.108 | 3 6 | 619 | *** | 100 | +124 | 52 | +492 | + 01 | +20 | +66 |
| 1717253 | PURINTONDALE APOLLO VIKING.... | 3 | 48 | 1 | 50 | 1 0 | 18.750 | 3.6 | 673 | *** | 90 | +253 | 69 | +1397 | - 03 | +46 | +169 |
| 1717319 | ROYVIN GAY PACER-TWIN..... .... | 40 | 9 | 1 | 11 | 1.1 | 17.229 | 3 4 | 578 | *** | 64 | +544 | 33 | +1227 | -.11 | +28 | +128 |
| 1717461 | TRENTON-PLACE ROCKET MARTIN... | 29 | 13 | 1 | 14 | 1.0 | 18.148 | 3.4 | 625 | *** | 100 | +509 | 37 | +1375 | -.09 | +36 | +151 |
| 1717536 | LEPRECHAUN SUPERIOR ..... | 14 | 26 | 2 | 33 | 1 0 | 17.629 | 3.4 | 599 | *** | 64 | +353 | 56 | +1295 | - 20 | +17 | +115 |
| 1717713 | HUL-BRITE MILKMAKER ..... | 29 | 13 | 2 | 18 | 1.0 | 18.881 | 3 5 | 668 | *** | 94 | +461 | 43 | +1390 | - 04 | +45 | +166 |
| 1718393 | PLUSHANSKI GAY TRAVELER.. .... | 29 | 11 | 1 | 13 | 1.0 | 17.511 | 3.7 | 653 | *** | 100 | +529 | 35 | +884 | + 03 | +37 | +119 |
| 1718765 | DANDY-LEA BICENTENNIAL BART... | 9 | 32 | 1 | 38 | 1.0 | 17.625 | 3 8 | 670 | *** | 92 | +320 | 61 | +1249 | - 04 | +39 | +147 |
| 1719192 | ARNOLD-ACRES CHIEF..... | 15 | 34 | 2 | 46 | 1.0 | 17.424 | 3 5 | 616 | *** | 89 | +281 | 65 | +1327 | -.08 | +36 | +148 |
| 1720794 | PENN-DELL MICROWAVE..... | 15 | 25 | 1 | 29 | 1.1 | 16.827 | 3.4 | 572 | *** | 45 | +212 | 56 | +1063 | -.16 | +14 | +94 |
| 1720886 | COLDSPRINGS GANGSTER ..... | 15 | 27 | 1 | 29 | 1.0 | 17.353 | 3.6 | 628 | *** | 83 | +360 | 56 | +1205 | -.04 | +38 | +143 |
| 1721497 | ECRASO A ROCKET ERIC..... | 29 | 15 | 1 | 16 | 1.0 | 20.754 | 3 5 | 717 | *** | 100 | +474 | 42 | +2241 | -.10 | +65 | +256 |
| 1721823 | AR-JOY IDEAL ADAM..... | 15 | 37 | 2 | 45 | 1.1 | 16.977 | 3.6 | 615 | *** | 56 | +278 | 66 | +939 | - 03 | +29 | +110 |
| 1722252 | S-S-F GAY IDEAL BUBBLER..... | 9 | 37 | 1 | 45 | 1.0 | 17.055 | 3 4 | 587 | *** | 93 | +279 | 66 | +1521 | - 16 | +30 | +151 |
| 1722425 | GIL-TEX-B MILKMASTER-TWIN..... | 29 | 13 | 6 | 39 | 1.1 | 21.253 | 3 7 | 785 | *** | 56 | +371 | 56 | +1834 | .00 | +67 | +232 |
| 1723336 | RICHLAWN SHALIMAR SIDNEY..... | 15 | 24 | 1 | 26 | 1.0 | 17.731 | 3.4 | 605 | *** | 88 | +382 | 53 | +1799 | -.18 | +36 | +179 |
| 1723741 | CAL-CLARK BOARD CHAIRMAN..... | 9 | 32 | 1 | 36 | 1.0 | 19.310 | 3 6 | 696 | *** | 97 | +328 | 60 | +2134 | -.17 | +50 | +225 |
| 1723818 | CRESTLAND STARCHIEF..... | 29 | 22 | 1 | 26 | 1.0 | 17.659 | 3 8 | 664 | *** | 96 | +390 | 52 | +1067 | + 01 | +41 | +138 |
| 1724611 | BAYCROFT MARLU TRENTON..... | 40 | 16 | 2 | 21 | 1.0 | 18.957 | 3.6 | 675 | *** | 95 | +433 | 47 | +1350 | - 03 | +44 | +162 |
| 1724657 | LEADFIELD COLUMBUS-ET..... | 29 | 4 | 5 | 13 | 1.0 | 24.228 | 3 5 | 860 | *** | 77 | +372 | 28 | +2201 | - 16 | +54 | +236 |
| 1724935 | FARIBO ROCKET DYNAMO..... | 21 | 31 | 1 | 35 | 1.0 | 17.709 | 3 4 | 604 | *** | 100 | +329 | 59 | +1629 | -.22 | +25 | +150 |
| 1725090 | OLMAR BEST LITE..... | 17 | 33 | 2 | 40 | 1.0 | 17.609 | 3 5 | 621 | *** | 95 | +312 | 62 | +1343 | - 02 | +45 | +163 |
| 1725496 | PATTERSONS POLITICIAN..... | 40 | 15 | 1 | 16 | 1.0 | 17.931 | 3 7 | 667 | *** | 88 | +485 | 40 | +1050 | +.09 | +52 | +155 |
| 1726055 | MARTENS ASTRO GAY..... | 17 | 6 | 4 | 11 | 1.0 | 18.603 | 3 2 | 596 | *** | 91 | +588 | 27 | +1203 | -.12 | +25 | +121 |
| 1727429 | DAB MONITOR FROST..... | 21 | 28 | 1 | 28 | 1.0 | 17.444 | 3.7 | 637 | *** | 96 | +380 | 53 | +1236 | -.06 | +36 | +142 |
| 1728858 | GREAT-VIEW BACH OF SPRING-LANE | 15 | 19 | 1 | 22 | 1.0 | 17.301 | 3 6 | 630 | *** | 95 | +424 | 48 | +1140 | - 07 | +30 | +125 |
| 1728972 | WILLOLEA GUIDING LIGHT..... | 40 | 14 | 1 | 17 | 1.1 | 17.763 | 3 6 | 632 | *** | 82 | +464 | 43 | +762 | -.02 | +25 | +92 |
| 1733367 | LOVDAL MAGNET CHIEF FALCON.... | 15 | 10 | 1 | 10 | 1.0 | 19.852 | 3 4 | 684 | *** | 100 | +573 | 29 | +1433 | -.12 | +33 | +150 |
| 1734067 | WINDSWEPT-M MAJESTIC..... | 7 | 4 | 13 | 18 | 1.0 | 21.939 | 3 7 | 806 | *** | 89 | +619 | 27 | +1419 | .00 | +52 | +180 |
| 1738011 | VAL-AM PRIMO..... | 40 | 8 | 2 | 10 | 1.0 | 20.355 | 3 4 | 695 | *** | 90 | +569 | 30 | +1163 | -.06 | +33 | +132 |
| 1753790 | DAN-VER ROCKET CAROL STAR..... | 1 | 3 | 29 | 35 | 1.1 | 19.933 | 3 9 | 777 | *** | 43 | +590 | 30 | +920 | +.02 | +36 | +120 |
| 040308691 | ROYBROOK STARLITE..... | 71 | 650 | 3 | 1086 | 2.3 | 18.220 | 3.8 | 693 | 8 | 17 | 0 | 98 | +1412 | +.17 | +77 | +220 |
| 040308945 | MISSISSIPPI ROCKMAN PROSPECT.. | 71 | 39 | 2 | 47 | 1.7 | 15.600 | 3.4 | 531 | 10 | 38 | -2 | 70 | +125 | -.10 | -10 | -8 |
| 040310494 | ROMANDALE ROCKMAN INSPIPATION. | 71 | 24 | 1 | 25 | 2.4 | 14.339 | 3 6 | 513 | *** | 6 | -1 | 61 | -528 | -.04 | -24 | -74 |
| 040313994 | KARNVILLA PERATION..... | 71 | 15 | 1 | 16 | 1.6 | 15.404 | 3 7 | 575 | *** | 36 | -89 | 46 | -448 | + 09 | -4 | -37 |
| 040314415 | BOND HAVEN ROYALSTAR..... | 71 | 310 | 3 | 507 | 1 5 | 16.385 | 3 6 | 586 | 12 | 19 | +3 | 96 | -66 | -.07 | -12 | -24 |
| 040320891 | QUALITY ULTIMATE ..... | 71 | 407 | 3 | 753 | 1 3 | 16.346 | 3 7 | 603 | 7 | 51 | -13 | 97 | -196 | + 02 | -4 | -20 |
| 040321547 | STONETOWN SUPREME-RED..... | 71 | 11 | 1 | 11 | 1.9 | 16.145 | 3 8 | 610 | *** | 13 | -111 | 38 | -268 | + 01 | -9 | -33 |
| 040322059 | ROYCEDALE ADMIRAL..... | 71 | 10 | 1 | 11 | 2.2 | 15.361 | 3 7 | 561 | *** | 25 | -572 | 40 | -1003 | -.03 | -41 | -134 |
| 040322717 | ROMANDALE TELSTAR JUSTIN..... | 71 | 24 | 1 | 28 | 2.2 | 15.508 | 3 9 | 609 | *** | 5 | +2 | 63 | -820 | +.19 | -4 | -62 |
| 040322719 | MOERACRES STAR LEE..... | 71 | 14 | 3 | 26 | 1 7 | 17.937 | 3 8 | 674 | *** | 0 | -274 | 54 | +157 | +.11 | +21 | +45 |
| 040330642 | ROYBROOK ENVOY..... | 71 | 10 | 2 | 14 | 1.4 | 14.760 | 3.9 | 581 | *** | 18 | -182 | 39 | -749 | +.10 | -14 | -73 |
| 040334399 | ROMANDALE CRUSADER..... | 71 | 15 | 1 | 17 | 1 5 | 14.922 | 3.7 | 558 | *** | 7 | -100 | 47 | -592 | + 03 | -18 | -69 |
| 040336095 | LANGVIEW ASTRONAUT..... | 71 | 7 | 2 | 10 | 1.4 | 16.196 | 3.3 | 533 | *** | 33 | +182 | 30 | -3 | -.08 | -12 | -20 |

(Turn to Page D20)

# Sire Summary

(Continued from Page D19)

## Jersey

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 606615 | STAR SECRET TRIGGER..... | 14 | 358 | 13 | 1360 | 2.5 | 11.039 | 4.8 | 532 | 11 | 5 | +4 | 98 | +795 | - 21 | +20 | +86 |
| 609027 | DORIS SECRET FAVORITE..... | 27 | 4 | 28 | 35 | 4.4 | 11.398 | 4 7 | 534 | 3 | 3 | +354 | 34 | +641 | - 15 | +18 | +72 |
| 609128 | B S. NOBLE SUPERB.. ..... | 15 | 204 | 24 | 1111 | 2 1 | 10.518 | 4.7 | 497 | 14 | 7 | +16 | 96 | +1088 | - 21 | +34 | +128 |
| 609485 | ADVANCER SLEEPING MILESTONE... | 29 | 938 | 23 | 4792 | 2 0 | 10.687 | 4.7 | 497 | 10 | 10 | 0 | 99 | +477 | - 26 | 0 | +32 |
| 611013 | FOREST SECRET MIGHTY..... .... | 27 | 13 | 8 | 36 | 2 2 | 11.689 | 5 3 | 614 | 13 | 9 | +240 | 56 | +864 | - 02 | +42 | +126 |
| 612364 | FAIR WEATHER THRILLING DESIGN. | 27 | 29 | 22 | 102 | 3 1 | 10.727 | 5 1 | 544 | 9 | 14 | +138 | 75 | +843 | - 08 | +35 | +113 |
| 613173 | GRAMHIL LEADER SOPHIA SAMSON.. | 7 | 698 | 14 | 3517 | 1 4 | 12.060 | 4 7 | 563 | 7 | 38 | +6 | 99 | +1468 | - 22 | +52 | +183 |
| 615053 | SUPREME VIRGINIAN..... .... | 40 | 339 | 12 | 1160 | 1 5 | 11.407 | 4 7 | 531 | 10 | 25 | +15 | 97 | +1217 | - 27 | +34 | +137 |
| 616022 | BRIARCLIFFS BOLD TORONO..... | 29 | 150 | 5 | 380 | 1.4 | 12.093 | 4 4 | 537 | 4 | 70 | +78 | 93 | +1589 | - 45 | +34 | +162 |
| 616377 | FINALIST OF MARLU..... | 9 | 36 | 6 | 113 | 1 6 | 10.559 | 4 9 | 513 | 24 | 44 | +114 | 79 | +776 | - 15 | +25 | +93 |
| 617102 | GENERATORS ORATOR OF OGSTON... | 9 | 79 | 8 | 263 | 2 5 | 11.451 | 4 5 | 516 | 6 | 19 | +100 | 91 | +1402 | - 51 | +19 | +125 |
| 617178 | GENERATORS DAIRYMAN..... | 7 | 33 | 3 | 57 | 2 2 | 10.084 | 4 6 | 464 | 17 | 25 | +232 | 74 | +939 | - 27 | +21 | +97 |
| 617247 | JERWOOD LOTUS DUKE..... | 21 | 25 | 19 | 96 | 1 7 | 11.480 | 5 1 | 580 | 9 | 50 | +257 | 65 | +839 | + 01 | +43 | +126 |
| 617287 | GENERATOR HL EARL..... | 7 | 59 | 5 | 110 | 1 4 | 12.017 | 4 7 | 559 | *** | 71 | +148 | 80 | +1213 | - 30 | +31 | +132 |
| 617652 | PHILS MILK BOY..... | 11 | 76 | 14 | 322 | 1 7 | 12.126 | 5 0 | 610 | 6 | 28 | +59 | 89 | +819 | + 02 | +43 | +125 |
| 617655 | PHILS FAVORITE JUAN..... .... | 11 | 91 | 16 | 399 | 1 6 | 12.006 | 5 1 | 612 | 7 | 30 | +40 | 91 | +628 | + 09 | +40 | +107 |
| 617923 | FOREST MIDNIGHT..... | 29 | 81 | 7 | 159 | 1 4 | 12.102 | 4 6 | 557 | 4 | 65 | +84 | 85 | +1408 | - 29 | +41 | +161 |
| 618062 | MILLS SPARKPLUG. ..... | 11 | 33 | 6 | 106 | 1 7 | 12.438 | 4 9 | 605 | 12 | 40 | +191 | 79 | +924 | - 24 | +23 | +99 |
| 619083 | BLANTON TRISTRAM GENERATOR.... | 1 | 86 | 12 | 289 | 1 6 | 11.062 | 4 8 | 526 | 9 | 45 | +95 | 89 | +916 | - 17 | +30 | +110 |
| 619366 | STARDUST HERITAGE. ..... | 7 | 19 | 6 | 48 | 2 4 | 10.772 | 4 8 | 520 | 22 | 0 | +179 | 67 | +883 | - 13 | +32 | +111 |
| 619627 | SAMPLE GENERATOR..... | 14 | 23 | 31 | 90 | 2 1 | 10.368 | 4 7 | 483 | 2 | 39 | +196 | 64 | +1269 | - 23 | +41 | +152 |
| 619686 | FORESTERS PROMOTER ..... | 1 | 11 | 7 | 25 | 2 6 | 12.323 | 5 1 | 623 | 5 | 13 | +278 | 49 | +1008 | -.09 | +42 | +136 |
| 619853 | VICTORY TIME PREDICTOR..... | 29 | 136 | 14 | 475 | 1 8 | 11.576 | 4 8 | 555 | 9 | 32 | +49 | 93 | +1114 | - 17 | +39 | +138 |
| 619994 | STARN GENERAL . ... .... ..... | 11 | 76 | 9 | 236 | 1.5 | 13.510 | 4 7 | 630 | 3 | 41 | +65 | 88 | +1909 | - 38 | +56 | +219 |
| 620302 | CAMELLIAS GENERATOR CARL..... | 31 | 10 | 7 | 39 | 1 8 | 12.836 | 4 6 | 592 | 0 | 8 | +306 | 58 | +1335 | - 31 | +36 | +148 |
| 620428 | GENERATORS JEWELER ..... | 29 | 216 | 15 | 618 | 1 4 | 11.729 | 4 5 | 530 | 3 | 52 | +45 | 95 | +1547 | - 45 | +32 | +156 |
| 620738 | BRIARCLIFFS SOLDIER BOY..... | 1 | 37 | 8 | 105 | 1 6 | 13.861 | 4 5 | 625 | 0 | 55 | +247 | 77 | +2105 | - 32 | +71 | +257 |
| 620883 | PIXY FARM PROPHET . ..... | 17 | 36 | 9 | 95 | 2 2 | 10.471 | 4 7 | 495 | 10 | 14 | +215 | 76 | +846 | - 24 | +20 | +89 |
| 620963 | CORALADS JIM. ..... | 7 | 26 | 3 | 48 | 2 3 | 10.689 | 5 0 | 539 | 8 | 3 | +154 | 71 | +781 | + 01 | +40 | +117 |
| 621333 | BRIARCLIFFS BRAVE SOLDIER..... | 29 | 18 | 8 | 61 | 2 2 | 13.267 | 4 5 | 596 | 2 | 20 | +345 | 67 | +1701 | - 39 | +45 | +187 |
| 621479 | SILVER FIRECHIEF... ..... | 1 | 28 | 4 | 72 | 2 3 | 11.883 | 4 9 | 581 | 8 | 3 | +130 | 76 | +1289 | - 14 | +51 | +169 |
| 621537 | EHV GENERATORS DREAMBOY..... | 27 | 29 | 4 | 59 | 2 5 | 11.925 | 4.7 | 556 | 10 | 4 | +277 | 74 | +1269 | - 27 | +37 | +145 |
| 621578 | MILLS GLORY..... ..... | 1 | 14 | 5 | 40 | 2 4 | 11.868 | 4 5 | 531 | 9 | 33 | +409 | 61 | +1209 | - 29 | +32 | +133 |
| 621875 | MASTER MILESTONE C ..... | 11 | 6 | 15 | 46 | 2 0 | 14.780 | 4 6 | 676 | 0 | 13 | +111 | 48 | +1632 | -.15 | +67 | +218 |
| 622118 | SUMMETZ SAFETY DEPOSIT..... | 1 | 33 | 10 | 111 | 2 0 | 10.729 | 4.9 | 530 | 13 | 10 | +192 | 78 | +723 | +.04 | +40 | +113 |
| 622119 | W.F. SECRET JAVELIN..... | 9 | 35 | 5 | 83 | 2 0 | 10.746 | 4 6 | 498 | 6 | 14 | +120 | 78 | +1059 | -.26 | +28 | +117 |
| 622192 | BRIARCLIFFS OBSERVING PERFORME | 1 | 22 | 4 | 50 | 2 4 | 12.007 | 4 8 | 582 | 2 | 4 | +306 | 71 | +1514 | - 22 | +54 | +189 |
| 622376 | FAVORITE YANKEE ..... | 3 | 61 | 6 | 122 | 2 4 | 10.745 | 4 7 | 503 | 9 | 8 | +83 | 85 | +834 | - 27 | +16 | +82 |
| 622648 | EHV SILVER VERMONTER..... | 3 | 126 | 4 | 294 | 2 2 | 10.998 | 4 9 | 534 | 6 | 7 | +39 | 93 | +887 | - 09 | +36 | +118 |
| 622671 | H V.F. MILESTONE TRISTRAM..... | 11 | 13 | 4 | 35 | 2 5 | 13.606 | 4 7 | 644 | 3 | 0 | +136 | 63 | +1091 | - 33 | +22 | +109 |
| 622673 | PRODUCTION PLUS... ..... | 9 | 51 | 7 | 167 | 1 8 | 10.298 | 4 9 | 507 | 8 | 18 | +83 | 85 | +623 | - 06 | +26 | +84 |
| 622721 | SECRET HL ADAM ... ..... | 29 | 22 | 3 | 39 | 2 2 | 11.629 | 4 7 | 550 | 3 | 6 | +239 | 68 | +1132 | - 19 | +38 | +138 |
| 622771 | SHADEWELL FASCINATOR..... | 3 | 122 | 4 | 298 | 2 0 | 11.446 | 4 8 | 553 | 3 | 8 | +39 | 93 | +1377 | - 09 | +60 | +190 |
| 622801 | BRIARCLIFFS BOLD EXPLORER..... | 29 | 10 | 5 | 22 | 2 1 | 12.094 | 5 0 | 609 | *** | 5 | +542 | 49 | +992 | + 01 | +51 | +149 |
| 622829 | MLF GENERATORS BIG FOUR..... | 1 | 35 | 4 | 66 | 1 8 | 10.633 | 4 9 | 518 | 8 | 8 | +271 | 74 | +956 | - 26 | +23 | +102 |
| 622894 | SEACORD-FARM FAVORITE ZORRO... | 3 | 61 | 4 | 113 | 1 9 | 10.968 | 4 7 | 518 | 5 | 2 | +86 | 84 | +1166 | - 19 | +40 | +143 |
| 622999 | TENN SOLDIERS PRIDE..... | 1 | 22 | 7 | 68 | 2 0 | 11.685 | 4 6 | 538 | 5 | 8 | +301 | 72 | +1744 | - 32 | +54 | +205 |
| 623158 | FAVORITE SAINT.... ..... | 7 | 11 | 4 | 23 | 2 3 | 14.802 | 4.1 | 606 | 0 | 0 | +415 | 53 | +2040 | -.50 | +49 | +217 |
| 623329 | QUICKSILVER NOBLE..... | 15 | 34 | 3 | 76 | 1 7 | 11.671 | 4 8 | 557 | 13 | 25 | +246 | 77 | +1380 | - 22 | +47 | +169 |
| 623330 | QUICKSILVERS MAGIC OF OGSTON.. | 7 | 18 | 11 | 51 | 1 8 | 12.990 | 4 8 | 618 | 12 | 22 | +282 | 62 | +1601 | -.25 | +55 | +197 |
| 623490 | MILKNHONEY GENERAL..... | 14 | 4 | 11 | 24 | 1 9 | 12.125 | 5.0 | 606 | *** | 17 | +663 | 37 | +1421 | - 13 | +58 | +190 |
| 623580 | HI-LAND FAVORITE ALEX..... | 1 | 16 | 9 | 45 | 2.0 | 11.622 | 4.9 | 573 | 13 | 13 | +397 | 62 | +1152 | - 25 | +33 | +131 |
| 623660 | GRAMHIL OBSERVER POET..... | 7 | 11 | 13 | 63 | 1 4 | 12.478 | 4 6 | 576 | 6 | 32 | +405 | 62 | +1419 | - 19 | +52 | +180 |
| 623663 | MINNIE PANSY QUICKSILVER..... | 1 | 84 | 8 | 237 | 1 6 | 11.025 | 5.2 | 568 | 5 | 26 | +59 | 89 | +625 | + 16 | +47 | +118 |
| 624344 | TRISTRAM LEADER OF C.B.V..... | 31 | 1 | 21 | 21 | 1.9 | 11.578 | 4.8 | 556 | *** | 16 | +417 | 23 | +522 | - 13 | +14 | +58 |
| 624431 | SCHULTZ RAIN DANCE..... | 1 | 11 | 6 | 37 | 1.5 | 12.095 | 4 4 | 538 | 5 | 27 | +453 | 57 | +1120 | - 32 | +25 | +116 |
| 624576 | STARDUST GEMINI..... | 29 | 24 | 2 | 41 | 1.8 | 10.707 | 5.0 | 532 | 15 | 10 | +176 | 68 | +903 | - 07 | +39 | +124 |
| 624749 | GENERATOR TRISTRAM..... | 40 | 20 | 3 | 32 | 1.3 | 10.576 | 4 7 | 500 | *** | 42 | +390 | 56 | +1011 | - 20 | +31 | +118 |
| 624896 | BRIARCLIFFS BLACK MAGIC..... | 14 | 12 | 14 | 58 | 1.9 | 14.319 | 4 3 | 612 | 0 | 26 | +420 | 60 | +1817 | -.40 | +49 | +202 |
| 624965 | MAPLELAWN SILVER AARON..... | 3 | 59 | 2 | 84 | 1.5 | 11.359 | 4 8 | 549 | 14 | 16 | +146 | 80 | +1115 | - 07 | +49 | +154 |
| 625113 | HOMESTEAD NOBLE TRIUMPH..... | 14 | 1 | 12 | 12 | 1 8 | 10.892 | 4 8 | 524 | *** | 0 | +704 | 21 | +1226 | - 21 | +41 | +149 |
| 625181 | MLF SECRET SOLDIER..... | 3 | 80 | 3 | 146 | 1 5 | 11.237 | 4 9 | 549 | 4 | 14 | +146 | 86 | +1286 | - 03 | +62 | +187 |
| 625184 | BARLU CHOCOLATE SUNDAE..... | 29 | 13 | 2 | 19 | 1.6 | 13.339 | 4.5 | 601 | *** | 11 | +535 | 49 | +1804 | - 40 | +49 | +201 |
| 625310 | SILVER CERTIFICATE..... | 9 | 31 | 3 | 56 | 1 6 | 10.617 | 5 1 | 538 | 6 | 29 | +154 | 71 | +671 | + 03 | +37 | +105 |
| 625617 | ROCKY HILL B T. TOM-TOM..... | 81 | 44 | 4 | 99 | 1.3 | 11.140 | 4 9 | 549 | 6 | 37 | +46 | 79 | +317 | + 05 | +21 | +55 |
| 625693 | H.A. GENERATOR QUICKSILVER.... | 11 | 6 | 13 | 23 | 1.4 | 11.692 | 4 6 | 538 | *** | 33 | +563 | 37 | +1131 | - 23 | +34 | +131 |
| 625725 | OGSTON SILVER ZEV..... | 29 | 14 | 7 | 49 | 1.6 | 12.980 | 4 4 | 572 | 9 | 16 | +384 | 64 | +1304 | -.37 | +28 | +133 |
| 625825 | A-NINE CALL ME GREAT..... | 29 | 9 | 4 | 21 | 1.3 | 13.885 | 4.2 | 587 | *** | 52 | +410 | 44 | +1709 | -.44 | +40 | +180 |
| 626301 | MILLS SECRET..... | 1 | 9 | 5 | 26 | 1.5 | 12.598 | 4 5 | 563 | *** | 35 | +380 | 48 | +1165 | -.28 | +31 | +129 |
| 626412 | FREDESTEL SECRET SUCCESS..... | 21 | 22 | 3 | 39 | 1.7 | 11.733 | 4.9 | 572 | 12 | 29 | +274 | 63 | +1275 | -.12 | +52 | +170 |
| 626535 | H.H.F. BARONET..... | 3 | 64 | 3 | 109 | 1 3 | 11.510 | 4.6 | 532 | 0 | 45 | +97 | 82 | +1213 | -.31 | +30 | +130 |
| 626561 | EHV NOBLE..... | 3 | 103 | 3 | 176 | 1.3 | 11.179 | 5.1 | 573 | 4 | 46 | +66 | 88 | +894 | +.26 | +70 | +174 |
| 626638 | ROCKY HILL KING EDWARD..... | 81 | 7 | 5 | 18 | 1 2 | 13.006 | 4 9 | 635 | *** | 65 | +453 | 38 | +898 | -.12 | +34 | +116 |
| 626721 | JODYS NOBLE SURVILLE..... | 1 | 28 | 2 | 45 | 1.3 | 11.486 | 4 7 | 545 | 8 | 33 | +184 | 66 | +1054 | - 14 | +39 | +134 |
| 627046 | SHAKER VIEW SLEEPING ENCORE... | 1 | 11 | 5 | 29 | 1 6 | 12.551 | 4 6 | 572 | 4 | 17 | +338 | 54 | +1344 | -.37 | +30 | +139 |
| 627242 | S.H.F. BOOTMAKER..... | 1 | 7 | 13 | 32 | 1.7 | 12.399 | 4 8 | 590 | 5 | 23 | +300 | 45 | +1090 | - 21 | +34 | +128 |
| 627330 | CELIAS MASTER OF FALLNEVA..... | 11 | 37 | 5 | 91 | 1.3 | 12.847 | 5 1 | 655 | 4 | 21 | +248 | 77 | +1079 | - 01 | +53 | +158 |
| 627379 | OBSERVER CHOCOLATE SANTA..... | 14 | 21 | 2 | 34 | 1.0 | 10.998 | 5 0 | 550 | *** | 48 | +466 | 56 | +1118 | - 08 | +49 | +155 |
| 627500 | SARGENT PLUS ... . ..... .... | 7 | 58 | 2 | 90 | 1 0 | 12.099 | 4.9 | 587 | *** | 83 | +230 | 78 | +1220 | - 08 | +54 | +170 |
| 627852 | GLENLANE MORGAN ADAM..... | 11 | 14 | 2 | 20 | 1.1 | 13.066 | 5 0 | 653 | *** | 80 | +473 | 47 | +1244 | - 06 | +57 | +176 |
| 628290 | HIGHLAND OBSERVER SPIRIT..... | 3 | 55 | 2 | 83 | 1.0 | 12.124 | 4 6 | 556 | *** | 92 | +257 | 76 | +1562 | - 31 | +47 | +181 |
| 628291 | P F. KUNADELL CLASSIC... ..... | 1 | 7 | 4 | 16 | 1.0 | 12.645 | 4 7 | 592 | *** | 69 | +666 | 37 | +1475 | - 29 | +45 | +172 |
| 628341 | OGSTON SOLDIER ZEV. ..... | 11 | 8 | 8 | 30 | 1.1 | 13.340 | 4 7 | 630 | *** | 63 | +565 | 46 | +934 | - 15 | +33 | +116 |
| 628368 | RUPERTS GALLANT RULER..... | 11 | 10 | 2 | 14 | 1.0 | 13.549 | 4 8 | 647 | *** | 100 | +663 | 37 | +1415 | - 18 | +53 | +181 |
| 628390 | BRIARCLIFFS SILVER GALAHAD.... | 1 | 8 | 1 | 10 | 1 0 | 12.028 | 4 8 | 574 | *** | 100 | +624 | 30 | +1103 | -.20 | +36 | +133 |

(Turn to Page D21)

# Sire Summary

(Continued from Page D20)

## Brown Swiss

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 146947 | WHITE CLOUD DOREENS DELEGATE.. | 9 | 770 | 17 | 3721 | 2.2 | 14.051 | 4.0 | 557 | 11 | 8 | +7 | 99 | +1245 | -.04 | +45 | +157 |
| 148487 | BLACKLAND BLOSSOMS EL-BRITE... | 21 | 217 | 14 | 870 | 2.5 | 13.775 | 4 1 | 571 | 8 | 7 | +13 | 96 | +946 | +.08 | +48 | +141 |
| 152968 | MAPLE GROVE ROCKY..... | 11 | 27 | 6 | 57 | 2.3 | 14.664 | 3.9 | 572 | 7 | 8 | -19 | 71 | +796 | -.10 | +20 | +86 |
| 153699 | L-J FIDDLE S..... | 15 | 60 | 5 | 124 | 2 3 | 14.320 | 4.1 | 585 | 12 | 10 | +21 | 84 | +744 | +.05 | +36 | +108 |
| 154350 | WHITE CLOUD DORIS JETWIND..... | 71 | 11 | 2 | 15 | 1 9 | 13.055 | 3.8 | 499 | *** | 17 | -20 | 43 | +214 | - 01 | +7 | +26 |
| 154912 | NAKOTA PAVANNE EVILO..... | 7 | 166 | 3 | 291 | 2 0 | 15.659 | 3.8 | 601 | 9 | 19 | +52 | 93 | +2409 | -.20 | +68 | +272 |
| 155075 | WHITE CLOUD JASON CARSON..... | 29 | 14 | 9 | 42 | 2.5 | 11.655 | 4.3 | 505 | 11 | 9 | +308 | 57 | +700 | +.04 | +33 | +101 |
| 156458 | ROLLING VIEW MODERN STRETCH... | 14 | 400 | 7 | 1261 | 1 7 | 14.355 | 4.0 | 570 | 10 | 24 | +9 | 98 | +1435 | -.08 | +47 | +173 |
| 156583 | HIGHLAND ACRES ECHO JESS..... | 40 | 15 | 17 | 50 | 2 1 | 12.755 | 3.9 | 502 | 29 | 16 | +146 | 58 | +335 | - 09 | +3 | +27 |
| 157480 | EVER GREEN CLAIRABELLE IKE.... | 40 | 3 | 9 | 17 | 2 8 | 11.413 | 4.0 | 459 | *** | 0 | +453 | 34 | +837 | -.07 | +25 | +97 |
| 158696 | MAPLE GROVE PERFORMER..... | 14 | 181 | 4 | 443 | 1.8 | 14.267 | 3.9 | 553 | 10 | 35 | +38 | 94 | +1294 | -.18 | +29 | +134 |
| 158853 | HARRIS HILL TOM JONES..... | 14 | 234 | 7 | 720 | 1.8 | 14.136 | 4.0 | 572 | 10 | 28 | +27 | 96 | +1141 | - 02 | +44 | +148 |
| 159245 | ES PUNCH RAY..... | 86 | 43 | 11 | 116 | 1.8 | 15.352 | 4.1 | 630 | 3 | 27 | -13 | 80 | +876 | + 06 | +43 | +129 |
| 159771 | E E BEAUTICIAN KING..... | 7 | 135 | 4 | 289 | 1 5 | 15.065 | 3 9 | 585 | 6 | 54 | +62 | 91 | +1563 | -.16 | +41 | +172 |
| 160086 | LAR-LE STRETCH TITAN..... ..... | 1 | 22 | 27 | 80 | 2 2 | 14.696 | 3.7 | 547 | 3 | 36 | +245 | 64 | +1152 | -.21 | +19 | +108 |
| 160195 | WEST LAWN DORSET IMPROVER..... | 83 | 6 | 78 | 91 | 2 6 | 13.710 | 4.0 | 544 | 7 | 6 | +404 | 44 | +1150 | 00 | +47 | +154 |
| 161227 | MARTY L TORO. ..... ..... | 1 | 7 | 15 | 25 | 1 9 | 16.702 | 4.1 | 686 | *** | 24 | +432 | 37 | +1007 | - 05 | +34 | +123 |
| 161373 | HARRIS HILL IVAN ..... ..... | 7 | 34 | 2 | 47 | 2 0 | 11.060 | 4 1 | 578 | 14 | 0 | +214 | 70 | +786 | + 07 | +40 | +118 |
| 162447 | TATEYS ELEGANTS VICTOR .. .... | 40 | 3 | 22 | 32 | 2 7 | 13.012 | 4.2 | 543 | 4 | 0 | +463 | 35 | +689 | - 01 | +26 | +88 |
| 163153 | WEST LAWN STRETCH IMPROVER ... | 21 | 245 | 6 | 691 | 1 6 | 14.642 | 4.0 | 582 | 7 | 39 | +28 | 96 | +1589 | -.07 | +55 | +196 |
| 163779 | STONE STRETCH PERFECTION..... | 71 | 75 | 4 | 150 | 1.7 | 13.478 | 4.1 | 551 | 11 | 11 | +14 | 86 | -443 | + 10 | -7 | -41 |
| 164123 | BRIDGE VIEW JESTA JUBILANT.... | 29 | 2 | 20 | 22 | 2 0 | 18.918 | 3.9 | 740 | *** | 17 | +275 | 26 | +1010 | - 10 | +28 | +113 |
| 164225 | SLEEPY MEADOWS TICIAN SUPREME. | 40 | 15 | 2 | 19 | 1 5 | 13.648 | 4 0 | 551 | *** | 0 | +200 | 47 | +756 | - 02 | +28 | +96 |
| 164757 | VINE VALLEY PAVANNE LU ANSON.. | 11 | 60 | 3 | 115 | 1 7 | 14.241 | 4.0 | 564 | 6 | 17 | +119 | 83 | +1033 | - 15 | +22 | +105 |
| 164943 | BECKERS CAPTAIN KAYLE... ..... | 7 | 33 | 2 | 49 | 1 8 | 14.756 | 4.0 | 586 | 3 | 5 | +198 | 71 | +1065 | - 03 | +39 | +135 |
| 165951 | NOLANDALE BEAUTICIAN PHARAOH.. | 83 | 6 | 3 | 13 | 1 8 | 13.302 | 4 2 | 554 | *** | 18 | +431 | 37 | +627 | - 07 | +17 | +70 |
| 166467 | V F BEAUTICIAN LANDON..... | 21 | 2 | 29 | 31 | 1 6 | 15.245 | 3 8 | 581 | 0 | 21 | +497 | 28 | +1214 | - 08 | +39 | +145 |
| 166802 | BLESSING BEAUTICIAN HECTOR.... | 29 | 2 | 15 | 17 | 1 4 | 18.800 | 3.9 | 727 | *** | 27 | +513 | 25 | +958 | - 04 | +33 | +118 |
| 167037 | BRIDGE VIEW COMBINATION..... | 83 | 6 | 18 | 30 | 1 5 | 16.526 | 4.2 | 691 | 4 | 10 | +447 | 38 | +1195 | + 02 | +51 | +163 |
| 167061 | HERMIT HAVEN S D J SUNSHINE... | 14 | 29 | 3 | 55 | 1 4 | 14.522 | 3 9 | 568 | 16 | 18 | +107 | 69 | +1480 | - 04 | +54 | +187 |
| 167068 | STONE BEAUTICIAN PRINCE. ..... | 83 | 5 | 6 | 17 | 1.8 | 11.542 | 3 3 | 385 | *** | 15 | +242 | 36 | +374 | - 05 | +9 | +40 |
| 167932 | SLEEPY MADOW ARBOR ROSE PUNCY. | 86 | 10 | 2 | 17 | 1 1 | 14.558 | 4 0 | 588 | *** | 21 | -38 | 42 | +261 | + 03 | +14 | +40 |
| 168152 | SUGAR VALLEY ELEVATION.. ..... | 83 | 12 | 4 | 23 | 1 3 | 13.634 | 4.1 | 565 | *** | 17 | +67 | 47 | +15 | + 02 | +3 | +6 |
| 168654 | NORVIC CONTINUATION..... | 29 | 8 | 11 | 24 | 1 5 | 13.993 | 4.2 | 589 | *** | 42 | +437 | 39 | +1203 | +.03 | +52 | +165 |
| 169085 | BRIDGE VIEW JUBILANT SOONER... | 21 | 4 | 18 | 23 | 1 1 | 16.091 | 4 1 | 656 | *** | 32 | +490 | 29 | +1147 | - 09 | +35 | +134 |
| 169167 | ARBOR ROSE STRETCHY ULTIMATE.. | 86 | 21 | 2 | 32 | 1 1 | 12.282 | 4.2 | 516 | *** | 25 | +44 | 56 | -497 | +.10 | -9 | -48 |
| 169179 | SEMS ELEGANT SULTAN..... .... | 11 | 10 | 3 | 19 | 1 3 | 13.720 | 4.3 | 584 | *** | 47 | +424 | 41 | +766 | + 04 | +36 | +110 |
| 169202 | NAKOTA DELEGATE DESTINY..... | 17 | 12 | 2 | 17 | 1 1 | 13.475 | 4 1 | 550 | *** | 43 | +429 | 40 | +754 | - 03 | +26 | +93 |
| 169511 | JOHANN PROUD MARCUS..... .... | 29 | 9 | 2 | 14 | 1 0 | 14.859 | 4 0 | 587 | *** | 71 | +474 | 34 | +898 | -.08 | +26 | +103 |
| 169622 | ES JESTER LUCKY J.. .... .... | 86 | 8 | 3 | 15 | 1 2 | 12.723 | 4 0 | 510 | *** | 27 | +245 | 35 | +244 | - 02 | +7 | +28 |
| 169691 | BLESSING CAPTAIN HERO TWIN.... | 83 | 4 | 14 | 21 | 1 2 | 16.746 | 3 8 | 630 | *** | 48 | +260 | 30 | +241 | -.06 | +2 | +19 |
| 169785 | GOLDEN DAWN ELEGANT MASTER.... | 14 | 64 | 3 | 121 | 1.0 | 15.077 | 3.9 | 595 | *** | 71 | +138 | 81 | +1692 | - 11 | +54 | +201 |
| 170051 | MEADOW VIEW STRETCHY SIGNAL... | 14 | 10 | 9 | 25 | 1 3 | 14.843 | 3 7 | 550 | *** | 52 | +413 | 40 | +1592 | - 13 | +47 | +183 |
| 170132 | WILLOW WELLS DOUBLE D J.. .... | 29 | 13 | 3 | 21 | 1 0 | 14.553 | 4 1 | 592 | *** | 52 | +410 | 43 | +1034 | + 01 | +43 | +139 |
| 170838 | NORVIC TELSTAR..... ..... | 14 | 35 | 2 | 52 | 1.0 | 15.443 | 4 1 | 639 | *** | 73 | +244 | 66 | +1823 | + 02 | +76 | +246 |
| 170976 | U W BEAU DAPPER DAN TWIN..... | 40 | 11 | 1 | 12 | 1.0 | 13.555 | 3 7 | 505 | *** | 83 | +498 | 31 | +803 | - 11 | +18 | +83 |
| 171310 | R E S KING ROYAL..... | 86 | 10 | 2 | 16 | 1.0 | 15.614 | 3.9 | 602 | *** | 100 | +231 | 38 | +807 | -.11 | +18 | +83 |
| 171547 | JOHANN PROUD MATTHEW..... | 21 | 14 | 1 | 17 | 1.0 | 17.888 | 3.9 | 695 | *** | 100 | +443 | 38 | +1869 | -.08 | +65 | +231 |

## Milking Shorthorn

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 317993 | VOLGA-S BOLD VENTURE..... | 14 | 35 | 9 | 130 | 2.7 | 11.030 | 3 6 | 400 | 8 | 1 | +140 | 81 | +938 | - 01 | +33 | +117 |
| 330838 | U OF MINN MAJESTY MARLIN..... | 29 | 32 | 8 | 103 | 2 4 | 11.460 | 3 6 | 408 | 16 | 0 | +162 | 78 | +1317 | + 01 | +49 | +168 |
| 333409 | U OF MINN ADVENT D PILOT. .... | 11 | 18 | 3 | 33 | 2.2 | 10.909 | 3 7 | 401 | *** | 0 | +298 | 60 | +893 | + 04 | +37 | +120 |
| 338091 | U OF MINN DARA'S ADVENT..... | 17 | 35 | 14 | 139 | 2 3 | 10.357 | 3 8 | 394 | 19 | 2 | +150 | 80 | +584 | +.10 | +31 | +90 |
| 343859 | WILDWOOD D'S RED KING 2D..... | 29 | 20 | 9 | 57 | 2 2 | 13.998 | 3.6 | 499 | 0 | 43 | +272 | 63 | +1338 | - 06 | +43 | +160 |
| 345036 | U OF MINN CLD D-A-D COMBO..... | 17 | 13 | 3 | 24 | 1 7 | 11.082 | 3 7 | 408 | 32 | 0 | +374 | 49 | +805 | +.03 | +33 | +108 |
| 347285 | VALLEY VIEW JEWEL PROMISE .... | 11 | 8 | 5 | 17 | 1.9 | 11.834 | 3 7 | 435 | *** | 8 | +211 | 41 | +755 | - 01 | +27 | +95 |
| 349487 | RED CEDAR DIAMOND..... .... | 17 | 12 | 8 | 44 | 2.3 | 9.873 | 3 8 | 380 | 29 | 0 | +301 | 59 | +496 | + 11 | +29 | +80 |
| 353738 | INNISFAIL JEAN'S PROMISE..... | 7 | 11 | 4 | 23 | 1 8 | 13.338 | 3 5 | 464 | *** | 0 | +390 | 47 | +681 | -.03 | +22 | +81 |
| 360035 | NADOLSKI'S BETTINA'S PROMISE.. | 17 | 5 | 23 | 34 | 1 8 | 12.093 | 3 5 | 422 | 19 | 16 | +464 | 37 | +1102 | +.07 | +48 | +152 |
| 368466 | RED CEDAR DAN..... | 17 | 11 | 4 | 33 | 1 2 | 11.372 | 3.7 | 421 | *** | 39 | +363 | 51 | +1038 | +.09 | +47 | +146 |
| 368707 | KORNCREST PACESETTER..... | 21 | 42 | 6 | 129 | 1 4 | 13.433 | 3.6 | 490 | 7 | 22 | +143 | 81 | +1990 | +.02 | +76 | +257 |
| 370271 | VALLEY VIEW JEWEL PROMISE 3D.. | 29 | 9 | 2 | 12 | 1.2 | 12.429 | 4.0 | 494 | *** | 50 | +511 | 31 | +670 | +.11 | +36 | +103 |

## Red and White

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 7322 | HANOVER-HILL TRIPLE THREAT.... | 29 | 24 | 4 | 53 | 1.5 | 18.204 | 3.7 | 667 | *** | 61 | -293 | 63 | +277 | +.10 | +24 | +58 |

# Preliminary Milk Components Summary

## Ayrshire

| REGISTRATION NUMBER | NAME OF BULL | S T D | DATE OF SUMMARY | NUMBER OF HERDS | EFF DAU /HD | NUMBER OF DAUGHTERS | RECS PER DAU | % 1ST CUL | % 1ST RIP | PD MILK | PREDICTED DIFFERENCES-74 TRAIT NAME | RPT % | PD % | PD LBS | PD $$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 128211 | MILAWAY ALBI..... | 9 | JUL-81 | 152 | 9 | 554 | 2.5 | 13 | 7 | +533 | FAT | 95 | +.04 | +26 | +78 |
| | | | | 13 | 5 | 33 | 1.9 | | 0 | | PROTEIN | 52 | +.02 | | +80 |
| 130174 | MAR-RAL FICKLES BOY..... | 9 | JUL-81 | 232 | 8 | 650 | 2.2 | 13 | 9 | +757 | FAT | 96 | -.13 | +15 | +75 |
| | | | | 21 | 6 | 58 | 1.6 | | 14 | | PROTEIN | 61 | + 01 | | +76 |
| 134172 | FAIRDALE BETTYS GEMINI..... | 40 | JUL-81 | 160 | 5 | 363 | 2.3 | 13 | 8 | +943 | FAT | 94 | -.13 | +22 | +99 |
| | | | | 13 | 1 | 16 | 1.7 | | 17 | | PROTEIN | 45 | - 02 | | +97 |
| 134776 | MEREDITH PETER PAN..... | 3 | JUL-81 | 172 | 6 | 445 | 2.4 | 13 | 3 | +573 | FAT | 95 | +.05 | +28 | +84 |
| | | | | 22 | 12 | 69 | 1.8 | | 33 | | PROTEIN | 68 | +.01 | | +87 |
| 135624 | HALMYRE URR SHAREHOLDER..... | 40 | JUL-81 | 165 | 6 | 456 | 1.9 | 11 | 9 | +425 | FAT | 94 | -.10 | +6 | +38 |
| | | | | 13 | 3 | 30 | 1.6 | | 0 | | PROTEIN | 52 | +.04 | | +42 |
| 135640 | WHITE AYR CHOICE HEIR..... | 3 | JUL-81 | 55 | 2 | 83 | 2.0 | 9 | 0 | +354 | FAT | 81 | +.05 | +19 | +55 |
| | | | | 9 | 2 | 16 | 1.6 | | 0 | | PROTEIN | 41 | -.01 | | +55 |

(Turn to Page D22)

# Milk Components Summary

(Continued from Page D21)

## Guernsey

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 575523 CLEVERLANDS ZENITH..... | 11 | JUL-81 | 61 | 21 | 231 | 2.1 | 10 | 8 | +834 | FAT | 86 | -.28 | +11 | +74 |
| | | | 7 | 9 | 49 | 1.4 | | 25 | | SNF | 52 | -.14 | | +66 |
| 578458 FRA HIB MARYS P TOPCAT..... | 27 | JUL-81 | 67 | 5 | 161 | 1.8 | 26 | 3 | -415 | FAT | 86 | -.09 | -28 | -73 |
| | | | 9 | 5 | 26 | 1.3 | | 11 | | PROTEIN | 44 | -.12 | | -88 |
| 579850 HAPPY HILL KING..... | 14 | JUL-81 | 173 | 7 | 571 | 1.5 | 20 | 18 | +260 | FAT | 95 | -.08 | +5 | +26 |
| | | | 27 | 6 | 70 | 1.0 | | 0 | | PROTEIN | 65 | -.02 | | +25 |
| 579953 OLYMPIC VIEW B MAVERICK..... | 7 | JUL-81 | 387 | 10 | 1522 | 1.5 | 12 | 36 | +1184 | FAT | 98 | - 07 | +49 | +159 |
| | | | 19 | 10 | 101 | 1.4 | | 7 | | SNF | 71 | - 01 | | +161 |
| | | | 42 | 9 | 138 | 1.2 | | 41 | | PROTEIN | 77 | +.01 | | +165 |
| 580204 KELLOGG MINNIES CHOICE..... | 3 | JUL-81 | 805 | 11 | 3704 | 1.5 | 13 | 23 | +1416 | FAT | 99 | -.10 | +56 | +186 |
| | | | 13 | 14 | 64 | 1.2 | | 38 | | SNF | 56 | - 06 | | +187 |
| | | | 103 | 13 | 483 | 1.3 | | 18 | | PROTEIN | 90 | - 08 | | +181 |
| 580919 HOUSLEYS DARI FAYVOR..... | 29 | JUL-81 | 824 | 13 | 3744 | 1.9 | 14 | 19 | +600 | FAT | 99 | 00 | +28 | +86 |
| | | | 14 | 5 | 37 | 1.2 | | 42 | | SNF | 52 | - 06 | | +85 |
| | | | 72 | 9 | 204 | 1.4 | | 26 | | PROTEIN | 84 | - 02 | | +85 |
| 582195 LYRENE WISTAR DEACON..... | 83 | JUL-81 | 247 | 5 | 601 | 1.2 | 15 | 63 | +699 | FAT | 95 | - 03 | +30 | +96 |
| | | | 31 | 2 | 51 | 1.0 | | 63 | | PROTEIN | 66 | -.06 | | +91 |
| 585136 GRANDVIEW WISTARS BART..... | 40 | JUL-81 | 139 | 8 | 399 | 1.7 | 17 | 24 | +1013 | FAT | 93 | -.01 | +47 | +144 |
| | | | 14 | 6 | 39 | 1.2 | | 47 | | PROTEIN | 53 | + 04 | | +152 |
| 585265 BROOKNOOK CYCLONE..... | 3 | JUL-81 | 84 | 4 | 225 | 2.1 | 15 | 4 | +909 | FAT | 90 | +.03 | +46 | +136 |
| | | | 19 | 3 | 41 | 1.6 | | 22 | | PROTEIN | 61 | + 07 | | +147 |
| 585495 WESTERN GLOW WISTAR PREMIER... | 7 | JUL-81 | 76 | 4 | 164 | 2.3 | 7 | 3 | +1000 | FAT | 88 | + 08 | +55 | +156 |
| | | | 14 | 3 | 18 | 1.2 | | 9 | | SNF | 43 | -.04 | | +156 |
| 586710 MCDONALDS PRINCE ROYAL..... | 3 | JUL-81 | 52 | 4 | 114 | 1.7 | 13 | 13 | +991 | FAT | 82 | -.14 | +32 | +119 |
| | | | 14 | 3 | 31 | 1.5 | | 9 | | PROTEIN | 53 | -.11 | | +108 |
| 589456 LONE PALM T H JUPITER..... | 29 | JUL-81 | 124 | 3 | 215 | 1.1 | 13 | 58 | +1337 | FAT | 89 | -.24 | +38 | +152 |
| | | | 14 | 2 | 21 | 1.0 | | 48 | | PROTEIN | 45 | -.12 | | +142 |

## Holstein

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1450228 PACLAMAR BOOTMAKER..... | 29 | JUL-81 | 7727 | 11 | 27634 | 3.2 | 6 | 3 | +1253 | FAT | 99 | -.07 | +35 | +141 |
| | | | 253 | 18 | 1267 | 2.0 | | 5 | | SNF | 96 | - 03 | | +137 |
| | | | 373 | 5 | 832 | 1.7 | | 21 | | PROTEIN | 97 | - 11 | | +121 |
| 1466757 TIHO APOLLO-TWIN..... | 1 | JUL-81 | 1023 | 10 | 3561 | 2.6 | 9 | 5 | +994 | FAT | 99 | - 05 | +29 | +114 |
| | | | 10 | 1 | 13 | 1.6 | | 8 | | SNF | 41 | - 01 | | +112 |
| | | | 54 | 5 | 147 | 1.6 | | 22 | | PROTEIN | 84 | + 04 | | +120 |
| 1491007 ROUND OAK RAG APPLE ELEVATION. | 7 | JUL-81 | 8816 | 16 | 44510 | 2.4 | 5 | 12 | +1477 | FAT | 99 | -.02 | +51 | +182 |
| | | | 159 | 25 | 1078 | 1.5 | | 19 | | SNF | 95 | .00 | | +181 |
| | | | 552 | 12 | 2233 | 1.5 | | 23 | | PROTEIN | 98 | -.05 | | +172 |
| 1492486 ROBTHOM MONARCH VOYAGEUR..... | 16 | JUL-81 | 815 | 12 | 3095 | 2.4 | 12 | 3 | +1454 | FAT | 99 | - 33 | +1 | +99 |
| | | | 35 | 4 | 81 | 1.8 | | 6 | | SNF | 76 | -.30 | | +59 |
| | | | 11 | 2 | 18 | 1.4 | | 9 | | PROTEIN | 44 | - 13 | | +76 |
| 1504551 WINFARM ALTITUDE..... | 1 | JUL-81 | 885 | 13 | 3634 | 2.1 | 10 | 13 | +921 | FAT | 99 | - 01 | +32 | +114 |
| | | | 76 | 8 | 292 | 1.5 | | 25 | | PROTEIN | 89 | - 08 | | +99 |
| 1509548 REYNOLAND COCKNEY PRINCE..... | 3 | JUL-81 | 1393 | 6 | 3720 | 1.9 | 8 | 15 | +1191 | FAT | 99 | 00 | +43 | +150 |
| | | | 10 | 4 | 24 | 1.3 | | 72 | | SNF | 47 | - 02 | | +147 |
| | | | 138 | 5 | 361 | 1.6 | | 15 | | PROTEIN | 93 | + 03 | | +155 |
| 1512026 HARRISBURG GAY IDEAL..... | 15 | JUL-81 | 4988 | 24 | 23707 | 2.2 | 8 | 9 | +1224 | FAT | 99 | - 09 | +30 | +131 |
| | | | 180 | 15 | 1161 | 1.6 | | 8 | | SNF | 96 | - 01 | | +129 |
| | | | 328 | 12 | 1272 | 1.6 | | 14 | | PROTEIN | 97 | - 09 | | +113 |
| 1516551 OLATHE JUDY ERIC..... | 17 | JUL-81 | 1425 | 8 | 5511 | 2.2 | 10 | 6 | +1514 | FAT | 99 | - 13 | +34 | +157 |
| | | | 33 | 25 | 161 | 1.4 | | 14 | | SNF | 77 | - 02 | | +154 |
| | | | 13 | 3 | 20 | 2.0 | | 0 | | PROTEIN | 45 | -.03 | | +150 |
| 1518703 MAREVA PILOT BELMONT KATE..... | 29 | JUL-81 | 2146 | 13 | 5531 | 1.8 | 10 | 13 | +1585 | FAT | 99 | - 16 | +33 | +160 |
| | | | 96 | 9 | 353 | 1.5 | | 16 | | SNF | 91 | - 08 | | +149 |
| | | | 99 | 4 | 225 | 1.4 | | 17 | | PROTEIN | 89 | -.08 | | +143 |
| 1520161 NICOLK SUNSHINE BOLD CHIEF.... | 3 | JUL-81 | 2896 | 9 | 10735 | 2.3 | 11 | 9 | +258 | FAT | 99 | + 32 | +55 | +106 |
| | | | 16 | 6 | 48 | 1.6 | | 26 | | SNF | 62 | + 16 | | +125 |
| | | | 297 | 7 | 1033 | 1.8 | | 19 | | PROTEIN | 97 | +.10 | | +122 |
| 1526128 WHITTIER-FARMS APOLLO ROCKET.. | 15 | JUL-81 | 3553 | 13 | 13846 | 2.0 | 9 | 11 | +2125 | FAT | 99 | -.20 | +45 | +216 |
| | | | 153 | 14 | 823 | 1.6 | | 11 | | SNF | 95 | -.07 | | +206 |
| | | | 226 | 7 | 652 | 1.5 | | 16 | | PROTEIN | 95 | -.09 | | +198 |
| 1536450 ROSE-E-VUE ROCKMAN COUNT..... | 3 | JUL-81 | 2052 | 6 | 5847 | 1.9 | 11 | 19 | +1472 | FAT | 99 | -.04 | +47 | +175 |
| | | | 7 | 7 | 24 | 1.7 | | 0 | | SNF | 45 | -.11 | | +161 |
| | | | 197 | 5 | 566 | 1.6 | | 26 | | PROTEIN | 95 | -.13 | | +150 |
| 1536957 CARNATION FIRST MILLION..... | 11 | JUL-81 | 1981 | 11 | 5828 | 1.8 | 10 | 18 | +815 | FAT | 99 | -.02 | +27 | +99 |
| | | | 102 | 14 | 512 | 1.4 | | 22 | | SNF | 92 | -.16 | | +79 |
| | | | 132 | 9 | 370 | 1.3 | | 28 | | PROTEIN | 92 | + 03 | | +104 |
| 1539577 WESTMORELAND BRIDGETTE CAL.... | 1 | JUL-81 | 922 | 16 | 4583 | 2.0 | 10 | 8 | +799 | FAT | 99 | -.15 | +7 | +65 |
| | | | 13 | 8 | 36 | 1.6 | | 0 | | SNF | 56 | -.07 | | +55 |
| | | | 84 | 12 | 398 | 1.6 | | 4 | | PROTEIN | 90 | -.03 | | +59 |
| 1554410 WHITTIER-FARMS IVANHOE ACE.... | 40 | JUL-81 | 550 | 5 | 1193 | 1.5 | 7 | 31 | +758 | FAT | 98 | -.12 | +10 | +67 |
| | | | 42 | 3 | 94 | 1.3 | | 45 | | SNF | 78 | - 04 | | +62 |
| | | | 27 | 5 | 65 | 1.2 | | 51 | | PROTEIN | 69 | -.03 | | +61 |
| 1555814 DOS-PALMOS COMET..... | 31 | JUL-81 | 2307 | 7 | 5926 | 1.5 | 14 | 25 | +1448 | FAT | 99 | - 14 | +31 | +148 |
| | | | 75 | 16 | 309 | 1.4 | | 25 | | SNF | 88 | -.02 | | +145 |
| | | | 94 | 2 | 146 | 1.2 | | 26 | | PROTEIN | 85 | -.05 | | +138 |
| 1556373 GLENDELL ARLINDA CHIEF..... | 7 | JUL-81 | 4348 | 7 | 14010 | 1.7 | 7 | 18 | +2039 | FAT | 99 | - 07 | +62 | +238 |
| | | | 120 | 10 | 488 | 1.4 | | 16 | | SNF | 93 | -.26 | | +201 |
| | | | 342 | 6 | 980 | 1.4 | | 22 | | PROTEIN | 97 | - 13 | | +212 |
| 1556873 HILMAR PERFORMER SHIAWANA..... | 40 | JUL-81 | 783 | 65 | 2535 | 1.6 | 6 | 32 | +453 | FAT | 99 | -.15 | -5 | +22 |
| | | | 96 | 166 | 774 | 1.4 | | 15 | | SNF | 91 | -.20 | | -2 |
| | | | 47 | 4 | 92 | 1.1 | | 61 | | PROTEIN | 76 | -.05 | | +14 |
| 1558270 ROSEMERE FURY IVAN..... | 9 | JUL-81 | 1358 | 5 | 3485 | 1.4 | 8 | 42 | +1104 | FAT | 99 | - 05 | +33 | +128 |
| | | | 17 | 2 | 22 | 1.1 | | 63 | | SNF | 50 | +.02 | | +130 |
| | | | 35 | 4 | 61 | 1.1 | | 58 | | PROTEIN | 69 | +.01 | | +130 |

(Turn to Page D23)

# Milk Components Summary

(Continued from Page D22)

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1558842 ARLINDA JET STREAM-TWIN..... | 9 | JUL-81 | 2273 | 10 | 8684 | 1.7 | 7 | 19 | +2185 | FAT | 99 | -.22 | +44 | +218 |
| | | | 76 | 13 | 378 | 1.5 | | 14 | | SNF | 90 | +.03 | | +221 |
| | | | 63 | 6 | 181 | 1.3 | | 27 | | PROTEIN | 85 | -.01 | | +214 |
| 1560026 JUNELL IVANHOE CHIEF CHARLIE.. | 40 | JUL-81 | 531 | 5 | 984 | 1.4 | 8 | 45 | +618 | FAT | 98 | +.04 | +29 | +89 |
| | | | 20 | 5 | 50 | 1.2 | | 45 | | SNF | 63 | .00 | | +89 |
| | | | 28 | 3 | 47 | 1.2 | | 52 | | PROTEIN | 63 | +.01 | | +91 |
| 1561673 JO-DAN B E IVAN..... | 40 | JUL-81 | 795 | 6 | 1690 | 1.3 | 13 | 37 | +968 | FAT | 98 | -.16 | +11 | +83 |
| | | | 34 | 16 | 142 | 1.3 | | 27 | | SNF | 77 | -.03 | | +79 |
| | | | 36 | 2 | 53 | 1.2 | | 41 | | PROTEIN | 69 | +.02 | | +86 |
| 1561753 DOUBLE NED HARVEYCREST WALKWAY | 7 | JUL-81 | 933 | 15 | 2758 | 1.5 | 8 | 28 | +1814 | FAT | 99 | -.14 | +44 | +193 |
| | | | 56 | 7 | 196 | 1.2 | | 38 | | SNF | 85 | -.19 | | +168 |
| | | | 34 | 7 | 78 | 1.3 | | 29 | | PROTEIN | 71 | -.08 | | +178 |
| 1562663 COLDSPRINGS STYLEMASTER WIZARD | 40 | JUL-81 | 1365 | 11 | 3544 | 1.5 | 9 | 29 | +1227 | FAT | 99 | -.14 | +23 | +120 |
| | | | 36 | 10 | 148 | 1.4 | | 19 | | SNF | 80 | -.01 | | +118 |
| | | | 73 | 6 | 153 | 1.3 | | 28 | | PROTEIN | 84 | +.03 | | +124 |
| 1563453 WILLOW-FARM ROCKMAN IVANHOE... | 3 | JUL-81 | 4075 | 9 | 15656 | 1.7 | 7 | 30 | +999 | FAT | 99 | .00 | +36 | +126 |
| | | | 79 | 11 | 309 | 1.2 | | 34 | | SNF | 89 | +.01 | | +127 |
| | | | 435 | 8 | 1686 | 1.5 | | 29 | | PROTEIN | 98 | -.01 | | +123 |
| 1563679 UK FOND MATT ART..... | 29 | JUL-81 | 1537 | 6 | 3642 | 1.7 | 10 | 19 | +1010 | FAT | 99 | +.14 | +58 | +162 |
| | | | 72 | 8 | 239 | 1.4 | | 23 | | SNF | 88 | -.05 | | +155 |
| | | | 75 | 3 | 147 | 1.3 | | 27 | | PROTEIN | 85 | -.01 | | +159 |
| 1564328 POVERTY-HOLLOW BURKGOV DEMAND. | 29 | JUL-81 | 1839 | 7 | 4598 | 1.5 | 6 | 31 | +2173 | FAT | 99 | -.31 | +29 | +193 |
| | | | 80 | 7 | 216 | 1.4 | | 26 | | SNF | 88 | -.45 | | +133 |
| | | | 112 | 4 | 207 | 1.3 | | 38 | | PROTEIN | 88 | -.16 | | +161 |
| 1565026 LEMAX RAG APPLE HAVEN..... | 40 | JUL-81 | 425 | 4 | 796 | 1.2 | 4 | 70 | +1213 | FAT | 97 | -.28 | +1 | +83 |
| | | | 16 | 3 | 24 | 1.1 | | 67 | | PROTEIN | 44 | -.04 | | +76 |
| 1571047 ARLINDA FOND MARINER-TWIN..... | 40 | JUL-81 | 77 | 9 | 169 | 1.6 | 13 | 51 | +843 | FAT | 85 | -.13 | +11 | +75 |
| | | | 11 | 5 | 29 | 1.2 | | 61 | | SNF | 49 | -.05 | | +69 |
| 1571320 GARDENIA CHIEF ASTRONAUT..... | 17 | JUL-81 | 1033 | 5 | 2582 | 1.8 | 9 | 23 | +658 | FAT | 99 | +.24 | +59 | +140 |
| | | | 19 | 5 | 59 | 1.2 | | 40 | | SNF | 65 | .00 | | +140 |
| | | | 10 | 3 | 20 | 1.2 | | 50 | | PROTEIN | 43 | +.02 | | +143 |
| 1575285 MOWRY-K IMPERIAL KNIGHT..... | 29 | JUL-81 | 1055 | 5 | 2218 | 1.4 | 9 | 35 | +1080 | FAT | 99 | +.06 | +49 | +152 |
| | | | 48 | 5 | 129 | 1.3 | | 35 | | SNF | 81 | -.01 | | +150 |
| | | | 46 | 4 | 83 | 1.3 | | 37 | | PROTEIN | 75 | .00 | | +151 |
| 1577800 ACE-HIGH-DAIRY TRIXIE BEN TED. | 3 | JUL-81 | 1296 | 7 | 3462 | 1.5 | 6 | 36 | +1684 | FAT | 99 | .00 | +61 | +212 |
| | | | 20 | 16 | 130 | 1.3 | | 33 | | SNF | 71 | -.08 | | +201 |
| | | | 115 | 7 | 303 | 1.4 | | 32 | | PROTEIN | 91 | -.07 | | +198 |
| 1578139 MILU BETTY IVANHOE CHIEF..... | 40 | JUL-81 | 2870 | 6 | 7122 | 1.5 | 8 | 33 | +1550 | FAT | 99 | -.13 | +36 | +163 |
| | | | 110 | 10 | 439 | 1.3 | | 27 | | SNF | 92 | -.04 | | +157 |
| | | | 189 | 5 | 468 | 1.3 | | 38 | | PROTEIN | 94 | -.04 | | +154 |
| 1578759 SUNNYSIDE DESTINY STANDOUT.... | 14 | JUL-81 | 459 | 3 | 772 | 1.3 | 9 | 47 | +1049 | FAT | 97 | -.19 | +9 | +85 |
| | | | 14 | 2 | 19 | 1.1 | | 56 | | PROTEIN | 41 | -.03 | | +79 |
| 1580020 ARLINDA COMMANDER..... | 14 | JUL-81 | 3154 | 7 | 9904 | 1.5 | 7 | 32 | +1235 | FAT | 99 | -.01 | +43 | +153 |
| | | | 118 | 12 | 584 | 1.3 | | 36 | | SNF | 93 | -.06 | | +145 |
| | | | 146 | 7 | 396 | 1.2 | | 38 | | PROTEIN | 92 | -.06 | | +141 |
| 1581130 LA-RARE MILLIONAIRE..... | 11 | JUL-81 | 268 | 15 | 992 | 1.3 | 8 | 39 | +1044 | FAT | 96 | -.18 | +10 | +86 |
| | | | 37 | 14 | 182 | 1.5 | | 21 | | SNF | 79 | -.26 | | +52 |
| | | | 20 | 2 | 27 | 1.1 | | 48 | | PROTEIN | 51 | -.08 | | +72 |
| 1582360 SIMPSONS BURKGOV SNOWMAN-TWIN. | 15 | JUL-81 | 876 | 5 | 2104 | 1.6 | 8 | 30 | +1102 | FAT | 99 | -.13 | +20 | +107 |
| | | | 32 | 5 | 85 | 1.3 | | 27 | | PROTEIN | 75 | -.04 | | +99 |
| 1583197 WAPA ARLINDA CONDUCTOR..... | 7 | JUL-81 | 3365 | 6 | 9154 | 1.3 | 7 | 37 | +1754 | FAT | 99 | -.03 | +59 | +214 |
| | | | 110 | 6 | 386 | 1.2 | | 30 | | SNF | 92 | -.05 | | +206 |
| | | | 289 | 7 | 785 | 1.2 | | 38 | | PROTEIN | 96 | -.06 | | +202 |
| 1584687 MARINDALE SKY CHIEF..... | 31 | JUL-81 | 487 | 5 | 834 | 1.5 | 12 | 22 | +482 | FAT | 97 | +.04 | +23 | +70 |
| | | | 27 | 11 | 86 | 1.1 | | 25 | | SNF | 72 | -.07 | | +61 |
| | | | 19 | 2 | 28 | 1.2 | | 53 | | PROTEIN | 54 | -.05 | | +61 |
| 1585759 DODGE-VIEW GEM-TWIN..... | 40 | JUL-81 | 269 | 4 | 474 | 1.2 | 12 | 80 | +1160 | FAT | 94 | -.01 | +40 | +143 |
| | | | 19 | 4 | 42 | 1.0 | | 76 | | SNF | 60 | -.02 | | +140 |
| 1587267 KIME-FARMS ASTRONAUT LEWIE.... | 3 | JUL-81 | 1257 | 3 | 2404 | 1.1 | 8 | 70 | +999 | FAT | 99 | -.02 | +33 | +121 |
| | | | 19 | 6 | 42 | 1.0 | | 49 | | SNF | 57 | +.04 | | +126 |
| | | | 120 | 3 | 230 | 1.1 | | 67 | | PROTEIN | 89 | +.05 | | +130 |
| 1587798 LA-HONDA STARMAKER..... | 11 | JUL-81 | 346 | 10 | 1031 | 1.8 | 6 | 25 | +1283 | FAT | 97 | -.22 | +12 | +106 |
| | | | 30 | 17 | 188 | 1.6 | | 16 | | SNF | 79 | -.24 | | +74 |
| | | | 12 | 3 | 24 | 1.3 | | 38 | | PROTEIN | 49 | -.09 | | +89 |
| 1588171 REDROOF ASTRO ELMO..... | 3 | JUL-81 | 1202 | 6 | 2741 | 1.4 | 9 | 31 | +1739 | FAT | 99 | -.23 | +26 | +159 |
| | | | 44 | 25 | 221 | 1.2 | | 46 | | SNF | 83 | -.08 | | +148 |
| | | | 114 | 3 | 224 | 1.3 | | 21 | | PROTEIN | 89 | -.10 | | +141 |
| 1588639 SUN-VALLEY SENSATION NEIL..... | 3 | JUL-81 | 1238 | 3 | 2563 | 1.2 | 7 | 57 | +1548 | FAT | 99 | +.08 | +68 | +214 |
| | | | 12 | 2 | 18 | 1.1 | | 78 | | SNF | 43 | +.02 | | +217 |
| | | | 151 | 4 | 364 | 1.1 | | 55 | | PROTEIN | 92 | +.09 | | +229 |
| 1589041 VIGO STANDOUT REFLECTION..... | 40 | JUL-81 | 435 | 4 | 868 | 1.5 | 9 | 24 | +1189 | FAT | 97 | -.15 | +21 | +114 |
| | | | 21 | 5 | 66 | 1.2 | | 15 | | SNF | 70 | -.03 | | +109 |
| | | | 20 | 4 | 43 | 1.3 | | 31 | | PROTEIN | 61 | -.03 | | +108 |
| 1589198 BARRETT-RANCH IVAN ROCKMAN.... | 3 | JUL-81 | 1359 | 8 | 2779 | 1.2 | 7 | 67 | +1700 | FAT | 99 | -.11 | +44 | +186 |
| | | | 60 | 18 | 286 | 1.3 | | 50 | | SNF | 87 | -.06 | | +178 |
| | | | 128 | 4 | 226 | 1.0 | | 80 | | PROTEIN | 89 | -.04 | | +177 |
| 1589706 TRI-TOWN WIS APOLLO..... | 29 | JUL-81 | 905 | 7 | 2009 | 1.3 | 9 | 33 | +1096 | FAT | 96 | -.14 | +18 | +103 |
| | | | 50 | 8 | 155 | 1.2 | | 33 | | SNF | 82 | -.06 | | +95 |
| | | | 46 | 3 | 93 | 1.3 | | 27 | | PROTEIN | 78 | -.05 | | +94 |
| 1590112 UK SENSATION..... | 7 | JUL-81 | 1818 | 8 | 5109 | 1.3 | 9 | 44 | +1389 | FAT | 99 | -.05 | +43 | +163 |
| | | | 38 | 7 | 129 | 1.1 | | 36 | | SNF | 79 | -.02 | | +160 |
| | | | 125 | 5 | 305 | 1.2 | | 40 | | PROTEIN | 90 | -.02 | | +159 |
| 1590582 WAYNE-SPRING FOND APOLLO..... | 7 | JUL-81 | 2167 | 4 | 4200 | 1.1 | 7 | 67 | +2208 | FAT | 99 | -.19 | +49 | +228 |
| | | | 75 | 4 | 162 | 1.1 | | 53 | | SNF | 85 | -.06 | | +219 |
| | | | 179 | 3 | 327 | 1.0 | | 72 | | PROTEIN | 92 | -.08 | | +211 |
| 1590708 HILL-TOP-HAVEN SENSATION FISK. | 21 | JUL-81 | 242 | 2 | 303 | 1.7 | 4 | 58 | +1130 | FAT | 93 | +.09 | +55 | +165 |
| | | | 10 | 2 | 14 | 1.4 | | 27 | | PROTEIN | 41 | .00 | | +164 |
| 1590759 SLEEPY-HOLLOW APOLLO KING-TWIN | 11 | JUL-81 | 522 | 8 | 1434 | 1.3 | 9 | 40 | +1122 | FAT | 98 | -.13 | +21 | +110 |
| | | | 56 | 15 | 251 | 1.2 | | 32 | | SNF | 86 | -.14 | | +92 |
| | | | 43 | 5 | 94 | 1.3 | | 33 | | PROTEIN | 76 | -.10 | | +92 |

(Turn to Page D24)

# Milk Components Summary

(Continued from Page D23)

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1593263 DIAMOND-GROVE CHIP..... | 29 | JUL-81 | 1171 | 5 | 2365 | 1.1 | 11 | 69 | +1402 | FAT | 99 | -.18 | +23 | +132 |
| | | | 30 | 8 | 108 | 1.0 | | 60 | | SNF | 75 | -.27 | | +98 |
| | | | 50 | 4 | 99 | 1.1 | | 59 | | PROTEIN | 77 | -.09 | | +116 |
| 1594302 HOACRE SHAMROCK SUNNY HALO.... | 3 | JUL-81 | 795 | 3 | 1439 | 1.1 | 9 | 70 | +1489 | FAT | 98 | -.21 | +21 | +134 |
| | | | 80 | 4 | 155 | 1.1 | | 70 | | PROTEIN | 85 | -.10 | | +115 |
| 1595067 BAR-REL STAR PERFORMER..... | 11 | JUL-81 | 211 | 10 | 643 | 1.2 | 9 | 62 | +1571 | FAT | 95 | -.22 | +23 | +143 |
| | | | 29 | 14 | 145 | 1.1 | | 53 | | SNF | 76 | - 11 | | +128 |
| 1595519 WEL-HI TRIUNE NATE-TWIN..... | 7 | JUL-81 | 409 | 4 | 842 | 1.2 | 12 | 68 | +1201 | FAT | 97 | - 10 | +29 | +128 |
| | | | 15 | 3 | 26 | 1.1 | | 56 | | SNF | 50 | + 01 | | +129 |
| | | | 20 | 1 | 26 | 1.1 | | 64 | | PROTEIN | 52 | -.06 | | +117 |
| 1596998 M-JAYBEE ASTRO JOSIE..... | 40 | JUL-81 | 103 | 42 | 263 | 1.5 | 4 | 47 | +1085 | FAT | 87 | -.13 | +20 | +105 |
| | | | 12 | 3 | 26 | 1.1 | | 57 | | SNF | 49 | -.04 | | +100 |
| 1597691 HILLHAVEN STANDOUT JOB..... | 9 | JUL-81 | 2001 | 7 | 6134 | 1.2 | 10 | 52 | +1122 | FAT | 99 | -.03 | +36 | +134 |
| | | | 65 | 16 | 308 | 1.2 | | 35 | | SNF | 87 | + 01 | | +135 |
| | | | 76 | 4 | 161 | 1.1 | | 54 | | PROTEIN | 85 | -.03 | | +127 |
| 1597697 LIMESTONE STANDOUT STREPHON... | 3 | JUL-81 | 1343 | 5 | 3041 | 1.1 | 5 | 70 | +1985 | FAT | 99 | - 14 | +49 | +213 |
| | | | 18 | 20 | 82 | 1.0 | | 67 | | SNF | 62 | -.20 | | +187 |
| | | | 143 | 3 | 305 | 1.1 | | 67 | | PROTEIN | 91 | -.09 | | +195 |
| 1599905 PAULO-BRO KNIGHTBOOTS..... | 11 | JUL-81 | 303 | 20 | 1167 | 1.4 | 8 | 35 | +620 | FAT | 97 | + 02 | +26 | +84 |
| | | | 46 | 15 | 214 | 1.3 | | 38 | | SNF | 82 | + 08 | | +93 |
| | | | 21 | 3 | 42 | 1.2 | | 32 | | PROTEIN | 60 | -.03 | | +77 |
| 1602681 SINKING-SPRINGS PER STERLING.. | 11 | JUL-81 | 250 | 8 | 691 | 1.2 | 7 | 64 | +614 | FAT | 96 | -.07 | +12 | +61 |
| | | | 24 | 11 | 113 | 1.1 | | 56 | | SNF | 73 | -.13 | | +46 |
| 1603912 WILCOXVIEW PERFORMER PAT-TWIN. | 40 | JUL-81 | 255 | 13 | 615 | 1.1 | 5 | 74 | +1525 | FAT | 95 | -.14 | +34 | +158 |
| | | | 19 | 29 | 137 | 1.2 | | 63 | | SNF | 70 | -.13 | | +141 |
| | | | 14 | 2 | 20 | 1.1 | | 50 | | PROTEIN | 43 | - 03 | | +153 |
| 1605637 MORRILL STAR BB BICKEN..... | 40 | JUL-81 | 168 | 13 | 396 | 1.2 | 7 | 81 | +1660 | FAT | 92 | -.05 | +53 | +198 |
| | | | 12 | 30 | 55 | 1.0 | | 91 | | SNF | 48 | - 06 | | +191 |
| 1606122 MOON-GLOW PERFORMER STARKSFORD | 11 | JUL-81 | 23 | 4 | 53 | 2.3 | 6 | 21 | +1031 | FAT | 71 | -.14 | +17 | +97 |
| | | | 7 | 6 | 20 | 2.0 | | 29 | | SNF | 41 | - 08 | | +87 |
| 1608425 ARLINDA CINNAMON ..... | 7 | JUL-81 | 538 | 3 | 862 | 1.1 | 8 | 86 | +1663 | FAT | 97 | -.09 | +47 | +188 |
| | | | 26 | 3 | 44 | 1.0 | | 91 | | PROTEIN | 62 | - 02 | | +183 |
| 1608551 MILBROFAR ELATE MAGICIAN..... | 3 | JUL-81 | 775 | 3 | 1390 | 1.1 | 2 | 91 | +1451 | FAT | 98 | - 02 | +50 | +179 |
| | | | 106 | 2 | 181 | 1.0 | | 91 | | PROTEIN | 87 | - 06 | | +168 |
| 1609979 C ROYBROOK VALIANT..... | 71 | JUL-81 | 319 | 4 | 681 | 1.3 | 13 | 50 | +170 | FAT | 96 | + 08 | +17 | +39 |
| | | | 35 | 6 | 115 | 1.1 | | 55 | | SNF | 78 | -.08 | | +30 |
| | | | 15 | 3 | 26 | 1.0 | | 56 | | PROTEIN | 47 | - 02 | | +37 |
| 1610590 LIMESTONE LANCELOT... ..... | 7 | JUL-81 | 360 | 5 | 786 | 1.8 | 7 | 45 | +1076 | FAT | 97 | 00 | +39 | +136 |
| | | | 24 | 9 | 97 | 1.9 | | 16 | | SNF | 74 | +.02 | | +138 |
| | | | 24 | 2 | 37 | 1.1 | | 79 | | PROTEIN | 59 | - 03 | | +130 |
| 1611284 MIL-R-MOR TRAILBLAZER..... | 7 | JUL-81 | 572 | 3 | 979 | 1.1 | 20 | 86 | +1139 | FAT | 97 | - 11 | +25 | +117 |
| | | | 12 | 6 | 27 | 1.0 | | 93 | | SNF | 46 | + 01 | | +118 |
| | | | 34 | 2 | 49 | 1.0 | | 82 | | PROTEIN | 66 | -.08 | | +101 |
| 1615049 AUDETS FOND MATT..... | 14 | JUL-81 | 660 | 3 | 1118 | 1.1 | 7 | 79 | +656 | FAT | 98 | +.04 | +30 | +93 |
| | | | 19 | 7 | 40 | 1.1 | | 89 | | PROTEIN | 55 | -.01 | | +92 |
| 1615559 POPPYLANE ASTRONAUT DUKE..... | 17 | JUL-81 | 556 | 3 | 1136 | 1.1 | 7 | 74 | +968 | FAT | 98 | -.13 | +15 | +89 |
| | | | 29 | 6 | 85 | 1.0 | | 93 | | SNF | 72 | +.19 | | +113 |
| 1617071 RIPPCHEN BOOT-NICK..... | 29 | JUL-81 | 546 | 4 | 972 | 1.4 | 10 | 61 | +1119 | FAT | 97 | -.04 | +34 | +130 |
| | | | 14 | 5 | 25 | 1.2 | | 89 | | SNF | 47 | +.02 | | +132 |
| | | | 22 | 2 | 28 | 1.1 | | 85 | | PROTEIN | 53 | -.06 | | +119 |
| 1617266 CEDAR-GROVE GOLDEN NUGGET..... | 7 | JUL-81 | 735 | 3 | 1333 | 1.3 | 12 | 70 | +1869 | FAT | 98 | +.03 | +72 | +242 |
| | | | 24 | 2 | 33 | 1.0 | | 81 | | SNF | 58 | + 02 | | +244 |
| | | | 37 | 3 | 72 | 1.0 | | 88 | | PROTEIN | 72 | -.02 | | +237 |
| 1619057 GLEN-VALLEY STAR..... | 11 | JUL-81 | 316 | 9 | 752 | 1.1 | 11 | 78 | +999 | FAT | 96 | -.04 | +30 | +116 |
| | | | 22 | 23 | 115 | 1.0 | | 70 | | SNF | 68 | - 03 | | +112 |
| | | | 25 | 5 | 57 | 1.0 | | 70 | | PROTEIN | 64 | .00 | | +115 |
| 1620273 CA-LILL STANDOUT CAVALIER..... | 3 | JUL-81 | 288 | 3 | 423 | 1.4 | 4 | 71 | +1782 | FAT | 95 | -.17 | +38 | +181 |
| | | | 30 | 6 | 59 | 1.1 | | 84 | | PROTEIN | 65 | -.06 | | +169 |
| 1623999 RUANN ZACHARY..... | 31 | JUL-81 | 14 | 9 | 67 | 2.6 | 5 | 0 | +964 | FAT | 69 | -.11 | +18 | +94 |
| | | | 9 | 10 | 42 | 1.8 | | 0 | | SNF | 55 | -.17 | | +72 |
| 1624803 LANDSDOWN IVANHOE STAR MATADOR | 11 | JUL-81 | 88 | 4 | 185 | 1.3 | 6 | 77 | +994 | FAT | 88 | + 07 | +46 | +141 |
| | | | 13 | 4 | 33 | 1.2 | | 82 | | SNF | 55 | .00 | | +141 |
| 1625268 CASANOVA BVAR CITATION..... | 23 | JUL-81 | 45 | 7 | 134 | 2.1 | 10 | 30 | +1153 | FAT | 84 | -.08 | +29 | +125 |
| | | | 10 | 12 | 37 | 2.0 | | 22 | | SNF | 52 | -.09 | | +113 |
| 1628813 OAK-GREEN VIRGINIAN.. ..... | 11 | JUL-81 | 178 | 6 | 375 | 1.4 | 6 | 70 | +966 | FAT | 93 | + 09 | +49 | +144 |
| | | | 15 | 6 | 38 | 1.0 | | 86 | | SNF | 53 | - 01 | | +142 |
| 1629385 POVERTY-HOLLOW MILESTONE..... | 29 | JUL-81 | 349 | 3 | 523 | 1 6 | 5 | 59 | +1429 | FAT | 96 | - 18 | +24 | +135 |
| | | | 12 | 2 | 17 | 1 3 | | 80 | | SNF | 44 | - 04 | | +130 |
| | | | 19 | 2 | 31 | 1.4 | | 63 | | PROTEIN | 55 | -.04 | | +127 |
| 1629391 HANOVER-HILL TRIPLE THREAT-RED | 29 | JUL-81 | 725 | 3 | 1257 | 1.6 | 9 | 58 | +359 | FAT | 98 | + 14 | +34 | +79 |
| | | | 49 | 4 | 97 | 1.3 | | 80 | | PROTEIN | 78 | + 03 | | +85 |
| 1629467 ROCBY ELEVATION CELEBRITY..... | 7 | JUL-81 | 265 | 2 | 358 | 1.2 | 9 | 82 | +1182 | FAT | 94 | - 12 | +25 | +120 |
| | | | 21 | 2 | 27 | 1.1 | | 68 | | PROTEIN | 52 | - 08 | | +106 |
| 1632665 DIAMOND-S KINGMAN..... | 7 | JUL-81 | 90 | 20 | 247 | 1.8 | 3 | 45 | +1363 | FAT | 87 | - 13 | +30 | +140 |
| | | | 17 | 34 | 122 | 2.0 | | 26 | | SNF | 66 | - 07 | | +130 |
| 1633540 DUNWOOD BOOTMAKER LEE-TWIN.... | 29 | JUL-81 | 24 | 2 | 37 | 2.2 | 4 | 6 | +1287 | FAT | 68 | -.13 | +27 | +130 |
| | | | 12 | 3 | 21 | 1.7 | | 0 | | SNF | 49 | -.06 | | +122 |
| 1635843 STRAIGHT-PINE ELEVATION PETE.. | 7 | JUL-81 | 212 | 4 | 340 | 1 6 | 5 | 54 | +1870 | FAT | 93 | - 12 | +48 | +204 |
| | | | 18 | 2 | 24 | 1.0 | | 79 | | PROTEIN | 48 | -.07 | | +191 |
| 1638035 LAWCREST MARVEX-TWIN..... | 15 | JUL-81 | 523 | 3 | 887 | 1.3 | 11 | 80 | +972 | FAT | 97 | 00 | +36 | +124 |
| | | | 25 | 4 | 51 | 1.3 | | 65 | | PROTEIN | 65 | - 06 | | +112 |
| 1639301 SANMARGALE ELEVATION AJAX..... | 110 | JUL-81 | 11 | 33 | 63 | 2 4 | 8 | 6 | +1128 | FAT | 57 | - 14 | +19 | +107 |
| | | | 7 | 23 | 40 | 1.1 | | 100 | | SNF | 42 | + 02 | | +109 |
| 1643248 BENDMEAD MAGIC OF LIN-CON..... | 14 | JUL-81 | 41 | 6 | 88 | 2.0 | 9 | 10 | +1032 | FAT | 79 | -.21 | +6 | +79 |
| | | | 9 | 10 | 33 | 1.8 | | 4 | | PROTEIN | 48 | -.08 | | +64 |

(Turn to Page D25)

# Milk Components Summary

(Continued from Page D24)

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1647190 | LE-DEL IDEAL SUPERIOR..... | 15 | JUL-81 | 251 | 2 | 364 | 1.5 | 7 | 65 | +1439 | FAT | 94 | -.16 | +28 | +142 |
| | | | | 12 | 3 | 23 | 1.5 | | 43 | | PROTEIN | 49 | -.06 | | +130 |
| 1648465 | PACLAMAR ORMSBY..... | 29 | JUL-81 | 141 | 3 | 242 | 1.9 | 10 | 13 | +1138 | FAT | 92 | -.19 | +12 | +96 |
| | | | | 9 | 3 | 20 | 1.2 | | 0 | | PROTEIN | 42 | -.09 | | +81 |
| 1653463 | S-S-F ASTRONAUT BRAVO..... | 3 | JUL-81 | 81 | 2 | 109 | 2.3 | 6 | 0 | +998 | FAT | 87 | -.14 | +15 | +91 |
| | | | | 13 | 1 | 16 | 1.9 | | 0 | | PROTEIN | 48 | .00 | | +90 |
| 1655740 | ZION-VIEW AMYS GRAND FORTUNE.. | 3 | JUL-81 | 81 | 2 | 125 | 2.4 | 7 | 1 | +1327 | FAT | 88 | +.03 | +53 | +175 |
| | | | | 11 | 3 | 18 | 1.9 | | 6 | | PROTEIN | 47 | -.04 | | +167 |
| 1658837 | VIGO EXCELLON..... | 29 | JUL-81 | 59 | 2 | 94 | 2.1 | 9 | 7 | +1036 | FAT | 84 | -.01 | +36 | +128 |
| | | | | 8 | 2 | 13 | 1.8 | | 0 | | SNF | 40 | -.02 | | +125 |
| 1659115 | MOORE-FARMS BELLRINGER..... | 3 | JUL-81 | 49 | 2 | 65 | 2.3 | 5 | 2 | +689 | FAT | 80 | +.18 | +51 | +129 |
| | | | | 12 | 2 | 17 | 2.0 | | 8 | | PROTEIN | 47 | +.02 | | +132 |
| 1663473 | GREEN-BANKS DIPLOMAT..... | 29 | JUL-81 | 32 | 2 | 46 | 2.2 | 0 | 10 | +1421 | FAT | 73 | -.07 | +41 | +162 |
| | | | | 11 | 2 | 19 | 1.8 | | 10 | | SNF | 49 | -.06 | | +154 |
| 1663720 | CHAR-SAM ELEVATION PABST..... | 7 | JUL-81 | 133 | 7 | 275 | 1.8 | 8 | 12 | +1814 | FAT | 92 | -.19 | +35 | +179 |
| | | | | 11 | 2 | 15 | 1.3 | | 22 | | PROTEIN | 40 | -.06 | | +168 |
| 1665016 | LECHEROS LOVE..... | 11 | JUL-81 | 13 | 5 | 37 | 1.9 | 4 | 19 | +916 | FAT | 60 | -.08 | +22 | +97 |
| | | | | 6 | 6 | 19 | 1.6 | | 50 | | SNF | 41 | -.01 | | +95 |
| 1668902 | DRAKEMEADOW VAN-VLIET-RED..... | 29 | JUL-81 | 15 | 24 | 56 | 1.9 | 18 | 4 | +1463 | FAT | 59 | -.15 | +30 | +147 |
| | | | | 6 | 22 | 39 | 1.3 | | 6 | | SNF | 42 | -.07 | | +137 |
| 1669038 | HILLAIRE MON FLEET..... | 29 | JUL-81 | 24 | 2 | 40 | 2.4 | 0 | 0 | +1609 | FAT | 70 | -.17 | +32 | +160 |
| | | | | 12 | 2 | 19 | 1.1 | | 0 | | SNF | 45 | -.02 | | +157 |
| 1669352 | MOREDA-LAGUNA CAPTAIN BOOTS... | 11 | JUL-81 | 11 | 18 | 46 | 1.5 | 7 | 29 | +1475 | FAT | 56 | -.23 | +17 | +127 |
| | | | | 9 | 14 | 33 | 1.0 | | 71 | | SNF | 43 | -.06 | | +119 |
| 1670654 | CYPRESS-HILL ASTRO CHIEF..... | 29 | JUL-81 | 34 | 6 | 80 | 1.5 | 10 | 19 | +1189 | FAT | 76 | +.07 | +54 | +167 |
| | | | | 15 | 9 | 43 | 1.4 | | 24 | | SNF | 57 | +.09 | | +179 |
| 1672151 | OCEAN-VIEW SEXATION..... | 29 | JUL-81 | 25 | 3 | 38 | 2.3 | 4 | 4 | +1497 | FAT | 69 | +.06 | +64 | +204 |
| | | | | 16 | 2 | 24 | 1.0 | | 0 | | SNF | 50 | +.09 | | +215 |
| 1672322 | ARLINDA JORDAN..... | 29 | JUL-81 | 108 | 2 | 174 | 1.5 | 8 | 25 | +1698 | FAT | 89 | -.20 | +30 | +163 |
| | | | | 10 | 2 | 17 | 1.3 | | 15 | | SNF | 44 | -.05 | | +156 |
| 1673806 | CHIQUES-VIEW ELEVATION BELLE.. | 29 | JUL-81 | 25 | 25 | 98 | 1.8 | 5 | 7 | +1126 | FAT | 74 | -.01 | +40 | +141 |
| | | | | 13 | 4 | 29 | 1.4 | | 10 | | SNF | 53 | -.05 | | +135 |
| 1674791 | CONANT-ACRES P CHIEF SUPERSTAR | 1 | JUL-81 | 96 | 3 | 164 | 1.5 | 10 | 15 | +456 | FAT | 88 | +.20 | +46 | +105 |
| | | | | 13 | 2 | 18 | 1.6 | | 0 | | PROTEIN | 47 | -.02 | | +102 |
| 1675594 | RICH-J GAY IDEAL TRAVIS..... | 11 | JUL-81 | 14 | 5 | 32 | 2.0 | 10 | 0 | +1188 | FAT | 58 | -.11 | +26 | +122 |
| | | | | 13 | 5 | 31 | 1.7 | | 0 | | PROTEIN | 54 | -.03 | | +115 |
| 1676910 | COBRYLEA QUALITY..... | 3 | JUL-81 | 54 | 1 | 60 | 2.1 | 9 | 0 | +1544 | FAT | 79 | -.09 | +42 | +172 |
| | | | | 11 | 1 | 14 | 1.6 | | 0 | | PROTEIN | 43 | .00 | | +171 |
| 1677582 | STERK EXCLUSIVE..... | 15 | JUL-81 | 349 | 4 | 649 | 1.6 | 10 | 27 | +763 | FAT | 97 | -.15 | +6 | +61 |
| | | | | 27 | 3 | 55 | 1.3 | | 16 | | PROTEIN | 68 | -.05 | | +52 |
| 1677902 | BROOKVIEW CALIBAN..... | 1 | JUL-81 | 40 | 2 | 67 | 1.6 | 6 | 17 | +900 | FAT | 76 | +.01 | +34 | +116 |
| | | | | 9 | 2 | 17 | 1.5 | | 14 | | PROTEIN | 42 | -.08 | | +101 |
| 1678469 | MAUR-LIND CHIEF ROCKET-TWIN... | 31 | JUL-81 | 19 | 16 | 68 | 1.6 | 2 | 21 | +413 | FAT | 65 | -.01 | +13 | +49 |
| | | | | 9 | 19 | 42 | 1.7 | | 13 | | SNF | 46 | +.01 | | +51 |
| 1678587 | WINTERMEN BOOTMARK..... | 3 | JUL-81 | 77 | 1 | 84 | 1.8 | 14 | 6 | +1285 | FAT | 83 | -.15 | +24 | +125 |
| | | | | 12 | 1 | 13 | 1.7 | | 10 | | PROTEIN | 43 | -.04 | | +117 |
| 1678710 | NUNESDALE CM BLEND..... | 29 | JUL-81 | 30 | 19 | 78 | 1.5 | 6 | 18 | +1377 | FAT | 72 | -.04 | +44 | +164 |
| | | | | 19 | 22 | 61 | 1.0 | | 45 | | SNF | 57 | -.07 | | +155 |
| 1678839 | GEORDAVE MARVATION..... | 3 | JUL-81 | 68 | 1 | 82 | 1.9 | 3 | 5 | +1010 | FAT | 83 | -.01 | +35 | +125 |
| | | | | 10 | 1 | 11 | 2.0 | | 0 | | PROTEIN | 40 | +.01 | | +126 |
| 1680121 | MILMAY KINGPIN ELEVATION BOB.. | 29 | JUL-81 | 24 | 7 | 45 | 1.5 | 12 | 0 | +1835 | FAT | 65 | +.02 | +70 | +237 |
| | | | | 18 | 6 | 35 | 1.0 | | 0 | | SNF | 54 | .00 | | +237 |
| 1680511 | RED-HILL-ACRES GAYLORD..... | 11 | JUL-81 | 22 | 11 | 64 | 1.5 | 4 | 15 | +1085 | FAT | 67 | -.07 | +29 | +120 |
| | | | | 9 | 14 | 45 | 1 2 | | 19 | | PROTEIN | 44 | -.02 | | +116 |
| 1681130 | SINKING-SPRINGS ROCKET JEREMY. | 11 | JUL-81 | 24 | 13 | 68 | 1.4 | 6 | 21 | +1803 | FAT | 69 | -.20 | +34 | +176 |
| | | | | 6 | 19 | 34 | 1.3 | | 32 | | SNF | 42 | -.11 | | +160 |
| 1681628 | LONG-HAVEN DELMAR..... | 11 | JUL-81 | 18 | 27 | 70 | 1.5 | 6 | 2 | +722 | FAT | 65 | +.06 | +35 | +105 |
| | | | | 8 | 3 | 16 | 1.7 | | 11 | | SNF | 42 | -.03 | | +102 |
| 1682485 | SWEET-HAVEN TRADITION..... | 23 | JUL-81 | 38 | 6 | 99 | 1.7 | 2 | 7 | +2696 | FAT | 80 | -.14 | +75 | +303 |
| | | | | 9 | 11 | 38 | 1.5 | | 0 | | SNF | 52 | -.07 | | +293 |
| 1683956 | BEECHER ECLIPSE-TWIN..... | 40 | JUL-81 | 503 | 2 | 752 | 1.3 | 10 | 38 | +463 | FAT | 97 | -.07 | +7 | +42 |
| | | | | 22 | 2 | 32 | 1.3 | | 21 | | PROTEIN | 57 | -.06 | | +32 |
| 1684385 | JOLUDI ELMER CHIEF..... | 29 | JUL-81 | 23 | 8 | 50 | 1.7 | 2 | 10 | +1892 | FAT | 67 | +.03 | +73 | +246 |
| | | | | 7 | 14 | 27 | 1.2 | | 12 | | SNF | 40 | +.01 | | +247 |
| 1689470 | DALAND ELEVATED ATOM..... | 23 | JUL-81 | 41 | 7 | 92 | 1.6 | 4 | 14 | +1532 | FAT | 79 | -.10 | +40 | +168 |
| | | | | 10 | 2 | 16 | 1.7 | | 0 | | SNF | 45 | -.06 | | +160 |
| 1690363 | TRI-TOWN STARS PRIDE..... | 11 | JUL-81 | 33 | 5 | 58 | 1.1 | 0 | 40 | +1162 | FAT | 69 | +.04 | +49 | +158 |
| | | | | 10 | 2 | 14 | 1.2 | | 29 | | SNF | 40 | -.07 | | +149 |
| 1693040 | STONEYLAWN PACLAMAR LEPRECHAUN | 29 | JUL-81 | 23 | 2 | 38 | 1.1 | 5 | 18 | +1157 | FAT | 63 | -.05 | +35 | +135 |
| | | | | 19 | 2 | 30 | 1.0 | | 14 | | SNF | 55 | -.10 | | +123 |
| 1695505 | BREEDYK STAR ASTRONAUT CHIEF.. | 23 | JUL-81 | 35 | 6 | 107 | 1.3 | 8 | 34 | +1189 | FAT | 79 | -.06 | +34 | +135 |
| | | | | 9 | 3 | 20 | 1.1 | | 11 | | SNF | 43 | -.05 | | +128 |
| 1695981 | EXRANCO RUFFIAN..... | 23 | JUL-81 | 33 | 6 | 81 | 1.2 | 3 | 39 | +1352 | FAT | 75 | -.08 | +37 | +151 |
| | | | | 8 | 4 | 20 | 1.2 | | 42 | | SNF | 42 | -.18 | | +128 |
| 1702282 | BADGERVALE VENTURE..... | 11 | JUL-81 | 16 | 3 | 32 | 1.1 | *** | 59 | +1440 | FAT | 57 | +.01 | +54 | +184 |
| | | | | 10 | 3 | 21 | 1.0 | | 57 | | SNF | 45 | -.05 | | +177 |
| 1702760 | LAURA-LE ELEVATION MAGIC..... | 3 | JUL-81 | 136 | 2 | 209 | 1.0 | 11 | 75 | +1005 | FAT | 89 | +.12 | +54 | +155 |
| | | | | 26 | 2 | 43 | 1.0 | | 84 | | PROTEIN | 63 | +.04 | | +161 |
| 1703603 | SILVA-DAIRY STARLITE KIT..... | 11 | JUL-81 | 20 | 14 | 55 | 1.0 | *** | 82 | +1979 | FAT | 61 | -.24 | +34 | +188 |
| | | | | 8 | 20 | 38 | 1.0 | | 82 | | SNF | 43 | -.22 | | +159 |

(Turn to Page D26)

# Milk Components Summary

(Continued from Page D25)

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1704268 TABUR RADAR..... | 29 | JUL-81 | 18 | 2 | 25 | 1.3 | *** | 27 | +1568 | FAT | 56 | -.11 | +39 | +169 |
| | | | 16 | 2 | 22 | 1.2 | | 25 | | SNF | 51 | -.05 | | +162 |
| 1704438 TRI-TOWN STEADY STAR..... | 110 | JUL-81 | 26 | 5 | 65 | 1.2 | 0 | 47 | +1674 | FAT | 71 | -.13 | +41 | +179 |
| | | | 9 | 6 | 29 | 1.3 | | 46 | | SNF | 48 | -.10 | | +166 |
| 1722425 GIL-TEX-B MILKMASTER-TWIN..... | 29 | JUL-81 | 13 | 6 | 39 | 1.1 | *** | 56 | +1834 | FAT | 56 | .00 | +67 | +232 |
| | | | 9 | 4 | 22 | 1.0 | | 64 | | SNF | 43 | -.10 | | +220 |
| 040308691 ROYBROOK STARLITE..... | 71 | JUL-81 | 650 | 3 | 1086 | 2.3 | 8 | 17 | +1412 | FAT | 98 | +.17 | +77 | +220 |
| | | | 35 | 4 | 62 | 1.5 | | 23 | | SNF | 72 | -.10 | | +206 |
| | | | 46 | 2 | 64 | 1.5 | | 29 | | PROTEIN | 74 | - 01 | | +218 |
| 040314415 BOND HAVEN ROYALSTAR..... | 71 | JUL-81 | 310 | 3 | 507 | 1.5 | 12 | 19 | -66 | FAT | 96 | -.07 | -12 | -24 |
| | | | 11 | 7 | 28 | 1.4 | | 12 | | PROTEIN | 48 | -.03 | | -30 |
| 040320891 QUALITY ULTIMATE..... | 71 | JUL-81 | 407 | 3 | 753 | 1.3 | 7 | 51 | -196 | FAT | 97 | +.02 | -4 | -20 |
| | | | 30 | 2 | 43 | 1.1 | | 53 | | PROTEIN | 63 | -.09 | | -34 |

## Jersey

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 606615 STAR SECRET TRIGGER..... | 14 | JUL-81 | 358 | 13 | 1360 | 2.5 | 11 | 5 | +795 | FAT | 98 | - 21 | +20 | +86 |
| | | | 13 | 4 | 31 | 1.5 | | 0 | | SNF | 53 | -.04 | | +85 |
| | | | 68 | 7 | 188 | 1.4 | | 13 | | PROTEIN | 86 | - 02 | | +88 |
| 609128 B.S. NOBLE SUPERB..... .... | 15 | JUL-81 | 204 | 24 | 1111 | 2.1 | 14 | 7 | +1088 | FAT | 96 | - 21 | +34 | +128 |
| | | | 32 | 10 | 139 | 1.7 | | 9 | | PROTEIN | 78 | -.04 | | +129 |
| 609485 ADVANCER SLEEPING MILESTONE... | 29 | JUL-81 | 938 | 23 | 4792 | 2.0 | 10 | 10 | +477 | FAT | 99 | - 26 | 0 | +32 |
| | | | 23 | 9 | 77 | 1.3 | | 12 | | SNF | 63 | -.14 | | +23 |
| | | | 138 | 16 | 525 | 1.4 | | 24 | | PROTEIN | 93 | -.12 | | +21 |
| 612364 FAIR WEATHER THRILLING DESIGN. | 27 | JUL-81 | 29 | 22 | 102 | 3.1 | 9 | 14 | +843 | FAT | 75 | -.08 | +35 | +113 |
| | | | 10 | 11 | 40 | 2.0 | | 16 | | PROTEIN | 51 | - 07 | | +109 |
| 613173 GRAMHIL LEADER SOPHIA SAMSON.. | 7 | JUL-81 | 698 | 14 | 3517 | 1.4 | 7 | 38 | +1468 | FAT | 99 | - 22 | +52 | +183 |
| | | | 12 | 10 | 53 | 1 2 | | 2 | | SNF | 56 | - 10 | | +184 |
| | | | 135 | 8 | 439 | 1.1 | | 53 | | PROTEIN | 92 | -.10 | | +180 |
| 615053 SUPREME VIRGINIAN..... | 40 | JUL-81 | 339 | 12 | 1160 | 1.5 | 10 | 25 | +1217 | FAT | 97 | -.27 | +34 | +137 |
| | | | 11 | 3 | 26 | 1.0 | | 11 | | SNF | 46 | - 04 | | +140 |
| | | | 58 | 6 | 136 | 1.2 | | 32 | | PROTEIN | 81 | -.14 | | +128 |
| 516022 BRIARCLIFFS BOLD TORONO..... | 29 | JUL-81 | 150 | 5 | 380 | 1.4 | 4 | 70 | +1589 | FAT | 93 | - 45 | +34 | +162 |
| | | | 31 | 3 | 56 | 1.0 | | 82 | | PROTEIN | 66 | - 18 | | +148 |
| 617102 GENERATORS ORATOR OF OGSTON... | 9 | JUL-81 | 79 | 8 | 263 | 2.5 | 6 | 19 | +1402 | FAT | 91 | - 51 | +19 | +125 |
| | | | 18 | 4 | 47 | 1.4 | | 26 | | PROTEIN | 63 | - 20 | | +109 |
| 617287 GENERATOR HL EARL..... | 7 | JUL-81 | 59 | 5 | 110 | 1.4 | *** | 71 | +1213 | FAT | 80 | - 30 | +31 | +132 |
| | | | 19 | 4 | 36 | 1.1 | | 83 | | PROTEIN | 54 | - 08 | | +130 |
| 617652 PHILS MILK BOY ..... | 11 | JUL-81 | 76 | 14 | 322 | 1.7 | 6 | 28 | +819 | FAT | 89 | + 02 | +43 | +125 |
| | | | 22 | 9 | 88 | 1.0 | | 70 | | PROTEIN | 69 | - 07 | | +121 |
| 617655 PHILS FAVORITE JUAN..... | 11 | JUL-81 | 91 | 16 | 399 | 1.6 | 7 | 30 | +628 | FAT | 91 | + 09 | +40 | +107 |
| | | | 10 | 4 | 26 | 1.0 | | 19 | | SNF | 45 | -.11 | | +103 |
| | | | 17 | 12 | 88 | 1.1 | | 61 | | PROTEIN | 67 | - 01 | | +109 |
| 617923 FOREST MIDNIGHT..... | 29 | JUL-81 | 81 | 7 | 159 | 1.4 | 4 | 65 | +1408 | FAT | 85 | -.29 | +41 | +161 |
| | | | 19 | 6 | 37 | 1.2 | | 79 | | PROTEIN | 55 | - 09 | | +156 |
| 618062 MILLS SPARKPLUG..... | 11 | JUL-81 | 33 | 6 | 106 | 1.7 | 12 | 40 | +924 | FAT | 79 | -.24 | +23 | +99 |
| | | | 8 | 5 | 20 | 1.2 | | 33 | | SNF | 41 | -.11 | | +99 |
| 619083 BLANTON TRISTRAM GENERATOR.... | 1 | JUL-81 | 86 | 12 | 289 | 1.6 | 9 | 45 | +916 | FAT | 89 | - 17 | +30 | +110 |
| | | | 20 | 5 | 57 | 1.1 | | 47 | | PROTEIN | 63 | -.13 | | +99 |
| 619853 VICTORY TIME PREDICTOR..... | 29 | JUL-81 | 136 | 14 | 475 | 1.8 | 9 | 32 | +1114 | FAT | 93 | -.17 | +39 | +138 |
| | | | 19 | 7 | 37 | 1.5 | | 50 | | PROTEIN | 55 | -.07 | | +135 |
| 619994 STARN GENERAL..... | 11 | JUL-81 | 76 | 9 | 236 | 1.5 | 3 | 41 | +1909 | FAT | 88 | -.38 | +56 | +219 |
| | | | 9 | 5 | 35 | 1.1 | | 64 | | SNF | 49 | -.19 | | +212 |
| | | | 18 | 6 | 39 | 1.0 | | 66 | | PROTEIN | 56 | -.12 | | +212 |
| 620428 GENERATORS JEWELER ..... | 29 | JUL-81 | 216 | 15 | 618 | 1.4 | 3 | 52 | +1547 | FAT | 95 | - 45 | +32 | +156 |
| | | | 29 | 2 | 46 | 1 1 | | 50 | | PROTEIN | 65 | -.23 | | +135 |
| 620738 BRIARCLIFFS SOLDIER BOY..... | 1 | JUL-81 | 37 | 8 | 105 | 1.6 | 0 | 55 | +2105 | FAT | 77 | - 32 | +71 | +257 |
| | | | 10 | 4 | 25 | 1.1 | | 55 | | PROTEIN | 47 | -.13 | | +251 |
| 621333 BRIARCLIFFS BRAVE SOLDIER .... | 29 | JUL-81 | 18 | 8 | 61 | 2.2 | 2 | 20 | +1701 | FAT | 67 | - 39 | +45 | +187 |
| | | | 11 | 6 | 37 | 1.2 | | 42 | | PROTEIN | 52 | -.15 | | +180 |
| 621479 SILVER FIRECHIEF..... | 1 | JUL-81 | 28 | 4 | 72 | 2.3 | 8 | 3 | +1289 | FAT | 76 | -.14 | +51 | +169 |
| | | | 13 | 3 | 25 | 1.5 | | 0 | | PROTEIN | 52 | - 03 | | +172 |
| 621537 EHV GENERATORS DREAMBOY..... | 27 | JUL-81 | 29 | 4 | 59 | 2.5 | 10 | 4 | +1269 | FAT | 74 | -.27 | +37 | +145 |
| | | | 11 | 2 | 20 | 1.5 | | 14 | | PROTEIN | 46 | -.12 | | +139 |
| 622192 BRIARCLIFFS OBSERVING PERFORME | 1 | JUL-81 | 22 | 4 | 50 | 2.4 | 2 | 4 | +1514 | FAT | 71 | - 22 | +54 | +189 |
| | | | 11 | 2 | 21 | 2.1 | | 10 | | PROTEIN | 51 | -.08 | | +188 |
| 622376 FAVORITE YANKEE..... | 3 | JUL-81 | 61 | 6 | 122 | 2.4 | 9 | 8 | +834 | FAT | 85 | -.27 | +16 | +82 |
| | | | 11 | 2 | 14 | 1.7 | | 0 | | PROTEIN | 41 | -.13 | | +72 |
| 622648 EHV SILVER VERMONTER..... | 3 | JUL-81 | 126 | 4 | 294 | 2.2 | 6 | 7 | +887 | FAT | 93 | -.09 | +36 | +118 |
| | | | 29 | 3 | 64 | 1.7 | | 9 | | PROTEIN | 71 | -.10 | | +112 |
| 622673 PRODUCTION PLUS..... | 9 | JUL-81 | 51 | 7 | 167 | 1.8 | 8 | 18 | +623 | FAT | 85 | -.06 | +26 | +84 |
| | | | 8 | 11 | 32 | 2.0 | | 12 | | PROTEIN | 44 | -.07 | | +79 |
| 622771 SHADEWELL FASCINATOR..... | 3 | JUL-81 | 122 | 4 | 298 | 2.0 | 3 | 8 | +1377 | FAT | 93 | -.09 | +60 | +190 |
| | | | 24 | 3 | 52 | 1.6 | | 24 | | PROTEIN | 68 | -.06 | | +190 |
| 622894 SEACORD-FARM FAVORITE ZORRO... | 3 | JUL-81 | 61 | 4 | 113 | 1.9 | 5 | 2 | +1166 | FAT | 84 | -.19 | +40 | +143 |
| | | | 18 | 2 | 24 | 1.3 | | 0 | | PROTEIN | 51 | -.16 | | +129 |
| 623329 QUICKSILVER NOBLE..... | 15 | JUL-81 | 34 | 3 | 76 | 1.7 | 13 | 25 | +1380 | FAT | 77 | -.22 | +47 | +169 |
| | | | 8 | 3 | 19 | 1.6 | | 14 | | PROTEIN | 45 | - 10 | | +166 |
| 623580 HI-LAND FAVORITE ALEX..... | 1 | JUL-81 | 16 | 9 | 45 | 2.0 | 13 | 13 | +1152 | FAT | 62 | -.25 | +33 | +131 |
| | | | 10 | 11 | 34 | 2.0 | | 10 | | PROTEIN | 52 | -.11 | | +125 |
| 623663 MINNIE PANSY QUICKSILVER..... | 1 | JUL-81 | 84 | 8 | 237 | 1.6 | 5 | 26 | +625 | FAT | 89 | +.16 | +47 | +118 |
| | | | 28 | 11 | 112 | 1.4 | | 28 | | PROTEIN | 75 | -.02 | | +121 |
| 624965 MAPLELAWN SILVER AARON..... | 3 | JUL-81 | 59 | 2 | 84 | 1.5 | 14 | 16 | +1115 | FAT | 80 | -.07 | +49 | +154 |
| | | | 15 | 1 | 19 | 1.2 | | 14 | | PROTEIN | 47 | .00 | | +160 |

(Turn to Page D27)

# Milk Components Summary

(Continued from Page D26)

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 625181 MLF SECRET SOLDIER..... | 3 | JUL-81 | 80 | 3 | 146 | 1.5 | 4 | 14 | +1286 | FAT | 86 | -.03 | +62 | +187 |
| | | | 19 | 1 | 20 | 1.4 | | 0 | | PROTEIN | 49 | -.11 | | +181 |
| 625617 ROCKY HILL B.T. TOM-TOM..... | 81 | JUL-81 | 44 | 4 | 99 | 1.3 | 6 | 37 | +317 | FAT | 79 | +.05 | +21 | +55 |
| | | | 12 | 3 | 20 | 1.1 | | 36 | | PROTEIN | 43 | -.01 | | +53 |
| 626535 H.H.F. BARONET..... | 3 | JUL-81 | 64 | 3 | 109 | 1.3 | 0 | 45 | +1213 | FAT | 82 | -.31 | +30 | +130 |
| | | | 16 | 2 | 27 | 1.3 | | 38 | | PROTEIN | 51 | -.10 | | +124 |
| 626561 EHV NOBLE..... | 3 | JUL-81 | 103 | 3 | 176 | 1.3 | 4 | 46 | +894 | FAT | 88 | +.26 | +70 | +174 |
| | | | 23 | 2 | 36 | 1.0 | | 48 | | PROTEIN | 59 | -.04 | | +172 |
| 627500 SARGENT PLUS..... | 7 | JUL-81 | 58 | 2 | 90 | 1.0 | *** | 83 | +1220 | FAT | 78 | -.08 | +54 | +170 |
| | | | 15 | 2 | 22 | 1.0 | | 73 | | PROTEIN | 47 | -.06 | | +168 |

## Brown Swiss

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 146947 WHITE CLOUD DOREENS DELEGATE.. | 9 | JUL-81 | 770 | 17 | 3721 | 2.2 | 11 | 8 | +1245 | FAT | 99 | -.04 | +45 | +157 |
| | | | 20 | 3 | 38 | 1.3 | | 5 | | SNF | 50 | -.08 | | +149 |
| | | | 103 | 10 | 512 | 1.5 | | 19 | | PROTEIN | 91 | -.07 | | +150 |
| 148487 BLACKLAND BLOSSOMS EL-BRITE... | 21 | JUL-81 | 217 | 14 | 870 | 2.5 | 8 | 7 | +946 | FAT | 96 | +.08 | +48 | +141 |
| | | | 29 | 6 | 80 | 1.4 | | 20 | | PROTEIN | 71 | +.06 | | +151 |
| 154912 NAKOTA PAVANNE EVILO..... | 7 | JUL-81 | 166 | 3 | 291 | 2.0 | 9 | 19 | +2409 | FAT | 93 | -.20 | +68 | +272 |
| | | | 29 | 2 | 51 | 1.5 | | 15 | | PROTEIN | 66 | -.13 | | +257 |
| 156458 ROLLING VIEW MODERN STRETCH... | 14 | JUL-81 | 400 | 7 | 1261 | 1.7 | 10 | 24 | +1435 | FAT | 98 | -.08 | +47 | +173 |
| | | | 10 | 4 | 27 | 1.2 | | 42 | | SNF | 48 | +.06 | | +182 |
| | | | 64 | 3 | 113 | 1.2 | | 38 | | PROTEIN | 80 | +.03 | | +181 |
| 158696 MAPLE GROVE PERFORMER..... | 14 | JUL-81 | 181 | 4 | 443 | 1.8 | 10 | 35 | +1294 | FAT | 94 | -.18 | +29 | +134 |
| | | | 19 | 2 | 30 | 1.1 | | 59 | | PROTEIN | 52 | -.11 | | +120 |
| 158853 HARRIS HILL TOM JONES..... | 14 | JUL-81 | 234 | 7 | 720 | 1.8 | 10 | 28 | +1141 | FAT | 96 | -.02 | +44 | +148 |
| | | | 18 | 5 | 49 | 1.1 | | 42 | | PROTEIN | 58 | -.07 | | +139 |
| 159771 E E BEAUTICIAN KING..... | 7 | JUL-81 | 135 | 4 | 289 | 1.5 | 6 | 54 | +1563 | FAT | 91 | -.16 | +41 | +172 |
| | | | 20 | 5 | 53 | 1.2 | | 50 | | PROTEIN | 61 | -.11 | | +157 |
| 161373 HARRIS HILL IVAN..... | 7 | JUL-81 | 34 | 2 | 47 | 2.0 | 14 | 0 | +786 | FAT | 70 | +.07 | +40 | +118 |
| | | | 13 | 2 | 18 | 1.4 | | 0 | | PROTEIN | 42 | -.02 | | +118 |
| 163153 WEST LAWN STRETCH IMPROVER.... | 21 | JUL-81 | 245 | 6 | 691 | 1.6 | 7 | 39 | +1589 | FAT | 96 | -.07 | +55 | +196 |
| | | | 28 | 4 | 60 | 1.2 | | 39 | | PROTEIN | 66 | -.04 | | +193 |
| 163779 STONE STRETCH PERFECTION..... | 71 | JUL-81 | 75 | 4 | 150 | 1.7 | 11 | 11 | -443 | FAT | 86 | +.10 | -7 | -41 |
| | | | 13 | 1 | 16 | 1.3 | | 10 | | PROTEIN | 42 | +.01 | | -39 |
| 164757 VINE VALLEY PAVANNE LU ANSON.. | 11 | JUL-81 | 60 | 3 | 115 | 1.7 | 6 | 17 | +1033 | FAT | 83 | -.15 | +22 | +105 |
| | | | 13 | 3 | 29 | 1.4 | | 22 | | PROTEIN | 51 | .00 | | +106 |

# Where do the breeds stack up?

BELTSVILLE, Md. — After summing up all the statistics for the 1981 Sire Summary this past July, the predictable differences between the dairy breeds were tabulated and studied by USDA staff. This analysis has caused USDA spokesman, W. E. Shainline, Jr. with the Animal Improvement Programs Laboratory, here, to urge farmers to look to their genetic future and the strides they have to take just to stay abreast.

"We continue to emphasize the importance of increasing selection standards to keep pace with genetic progress," stated the spokesman, referring to the summary of average proofs. "This progress is demonstrated by the trend toward higher PDs through the past several sire runs.

"Dairy producers' selection standards for PD$ or PDM require revision upwards if intensity of selection is to equal that following the January, 1981 Summary. Although upward adjustment of selection level is essential to maintain genetic progress, a simpler and more effective approach would be to use the best sires available in any breed."

Table 1 reports the average predicted difference milk, PDM, PD percent test, PD%, PD fat, PDF, and PD dollar, PD$, values for each breed and type of service group. Tables 2 and 3 show the selection distribution of PDM and PD$ for active AI sires.

TABLE 1.--Average PD values for bulls summarized in July 1981

| Breed | All bulls* | | | | | Active AI bulls | | | | | Non-AI bulls | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Number | PDM | PD% | PDF | PD$ | Number | PDM | PD% | PDF | PD$ | Number | PDM | PD% | PDF | PD$ |
| Ayrshire | 277 | +146 | -0.02 | +4 | +16 | 17 | +711 | -0.05 | +23 | +85 | 228 | +72 | -0.01 | +2 | +8 |
| Guernsey | 699 | +200 | -.03 | +7 | +25 | 45 | +873 | -.10 | +31 | +109 | 553 | +129 | -.02 | +4 | +15 |
| Holstein | 11,189 | +274 | -.03 | +6 | +28 | 730 | +1,145 | -.06 | +33 | +131 | 8,257 | +128 | -.03 | +1 | +10 |
| Jersey | 1,141 | +411 | -.08 | +13 | +49 | 85 | +1,159 | -.20 | +39 | +141 | 875 | +298 | -.07 | +9 | +35 |
| Brown Swiss | 369 | +378 | -.03 | +12 | +45 | 48 | +934 | -.04 | +32 | +115 | 265 | +260 | -.02 | +8 | +30 |
| Milking Shorthorn | 123 | +649 | +.02 | +26 | +86 | 13 | +970 | +.03 | +39 | +128 | 98 | +608 | +.02 | +24 | +80 |
| Red and White | 18 | +4 | .00 | 0 | 0 | 1 | +277 | +.10 | +24 | +58 | 15 | -12 | -.01 | -2 | -4 |
| All breeds | 13,816 | +284 | -.02 | +7 | +30 | 939 | +1,111 | -.05 | +33 | +128 | 10,291 | +149 | -.02 | +2 | +13 |

TABLE 2.--Distribution of PDM by breed for active AI sires in the July 1981 Modified Contemporary Comparison

| Range of PDM | Number of sires | | | | | |
|---|---|---|---|---|---|---|
| | Ayrshire | Guernsey | Holstein | Jersey | Brown Swiss | Milking Shorthorn |
| +2000 and above | --- | — | 17 | 2 | 1 | — |
| +1800 to +1999 | --- | — | 28 | 3 | 2 | 1 |
| +1600 to +1799 | --- | — | 44 | 5 | 1 | — |
| +1400 to +1599 | 1 | 3 | 102 | 11 | 5 | — |
| +1200 to +1399 | 2 | 5 | 163 | 17 | 4 | 2 |
| +1000 to +1199 | — | 10 | 154 | 18 | 10 | 2 |
| +800 to +999 | 3 | 11 | 97 | 17 | 7 | 3 |
| +600 to +799 | 4 | 6 | 51 | 9 | 9 | 3 |
| +400 to +599 | 4 | 7 | 28 | 2 | — | 2 |
| +200 to +399 | 3 | 2 | 18 | 1 | 6 | — |
| 0 to +199 | — | — | 10 | — | 1 | — |
| -1 and below | — | 1 | 18 | — | 2 | — |
| Total | 17 | 45 | 730 | 85 | 48 | 13 |

TABLE 3.--Distribution of PD$ by breed for active AI sires in the July 1981 Modified Contemporary Comparison

| Range of PD$ | Number of sires | | | | | |
|---|---|---|---|---|---|---|
| | Ayrshire | Guernsey | Holstein | Jersey | Brown Swiss | Milking Shorthorn |
| -200 and above | — | — | 47 | 7 | 4 | - |
| -180 to +199 | — | 4 | 46 | 11 | 3 | — |
| -160 to +179 | 2 | 1 | 90 | 9 | 4 | 2 |
| -140 to +159 | — | 7 | 132 | 10 | 5 | 2 |
| -120 to +139 | 1 | 8 | 165 | 21 | 6 | 1 |
| -100 to +119 | — | 8 | 96 | 16 | 9 | 3 |
| -80 to +99 | 5 | 5 | 62 | 7 | 7 | 4 |
| -60 to -79 | 5 | 4 | 36 | 1 | 1 | — |
| -40 to -59 | 1 | 6 | 19 | 2 | 2 | — |
| -20 to -39 | 3 | 1 | 12 | 1 | 3 | — |
| 0 to +19 | — | — | 5 | — | 2 | — |
| -1 and below | — | 1 | 20 | — | 2 | — |
| Total | 17 | 45 | 730 | 85 | 48 | 13 |

# Public Sales Register

**Closing Date - Monday, 5 00 P M of each week's publication**

## AUGUST

SAT AUG 1 1 00 P M Reg and Grade Holstein Bred Heifer Sale, splendid grade, mostly due Aug and Sept Off Rt 54 and 44 near Turbotville, PA, Northumberland Co Lewis and Ruth Brown, Owners Carl and John Diller, Auctioneers

SAT, AUG 1 10 00 A M Public Sale of Guns, Saddles and handmade articles, located in Quarryville at the Hoffman community building along Kirkwood Pk, Rt 472 Sale by Helen Swack Auctioneers Lloyd H Kreider and Randal V Kline and Gary L Shirk Auctioneers

SAT AUG 1 2 P[illegible] Public Auction of [illegible] acre Farm Lo[illegible] Take Rt 272 [illegible]om Ephrata to [illegible], 1½ mi to Holt[illegible]oad, go 9/10 mi [illegible]ack Horse Road [illegible]ight to first farm [illegible]left Owners Eu[illegible]K Martin and Earl S Martin Auctioneers John E and Paul E Martin

CANCELLED

SAT AUG 1 10 00 A M Public Sale of Real Estate Lot #1 7 room rancher, Lot #2 2 acre woodland lot, Household Goods and Tools Located 2 miles south of Rt 322 along Narvon Rd midway between Blue Ball and Honey Brook Elmer T & Joan Fryburger Auctioneers Leroy S Horst and Arthur E Nolt

SAT AUG 1 8 30 A M Public Sale of Nelson Farm Supply, Equipment, Furnishing Fixtures, Parts and Supplies Located along South Main St, in the Borough of Biglerville, Adams Co, PA Musselman Fruit Products and Gettysburg National Bank Owners Clair R Slaybaugh Auctioneers

SAT AUG 1 9 30 A M Annual Amish Parochial School Benefit Sale Held 4 miles east of Mifflintown or 3 miles west of Thompsontown near village of Centre along old Rt 22 322 Long Bros Auctioneers

SAT AUG 1 - 7 30 P M Delaware State Holstein Sale held at the Fairgrounds, Harrington, DE Remsburg Sale Service

SAT, AUG 1 10 00 A M Public Sale of Tools and Shop Equipment, Tractors and Equipment and Real Estate Located from I 81 at Inwood, WV take Rt 51 east appro› 3 miles to the country store (formerly Haines') turn right 2 mile to sale or from Charlestown, WV, take Rt 51 west aporox 8 miles to country store, turn left, 2 mile to sale Edgar Bohrer

SAT, AUG 1 - 10 30 A M Farm Equipment To be held at Rt 51 Gobertsville, NY (5 mi east of route 8 centrally located 18 mi from Norwich, Sidney and Oneanta Musson, Faber and Teed, owners, Ed Goodrich Jr and Jack Hussey, Auctioneers

SAT, AUG 1 9 00 A M Public Sale of Farm Machinery, Horse Equipment, Household Goods, Dishes, Farm Located just off the Quenshuckeney Rd at the farm, signs along Rt 220 between Williamsport and Jersey Shore, PA near the Village of Linden Jack and Twila Lowry, Owners Kenneth Young, Auctioneer

MON AUGUST 3 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11 Danville, PA Melvin M Lehman owner

TUES AUG 4 5 30 P M Public Sale of Real Estate Located in Perry Co 10 miles west [illegible]ysville on PA Rt 850, adjoining Tuscarora State Forest Daniel Derr II Owner King's Auction Service

TUES AUG 4 7 P M Dairy Herd Dispersal Located 3½ mi east of Brunswick, MD on Rt 464 to Landers Rd or 11 mi south of Frederick, MD on Rt 15 to Rt 464, west 3½ mi to Landers Rd South ½ mile to sale Ella Mae Finneyfrock, Owner Robert Mullendore, Auctioneer

TUES AUG 4 7 P M Monthly Dairy Sale held at Harry Rudnick & Sons, Inc, Galena, MD Joe Rudnick, Auctioneer

WED AUG 5 9 A M Consignment Sale by David H Good located ½ mile North of Route 23 on North Maple Ave in Leola, Lancaster Co, Pa Watch for sale signs F Snyder, R Martin, C Wolgemuth, J Fry and L Horst, Auctioneer

THURS AUG 6 Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 2220 Dairy Road, Lancaster, Pa 17601 Dennis Kolb, Sales Manager, Robert Mullendore, Auctioneer

THURS AND FRI, AUG 6 7 Public Sale for Corbits Inc, 200 S Second St, Reading, PA Vilsmeier Auction Co, Inc

THURS AUG 6, 8 00 P M ¼ Mile West of Quarryville off of Bottom Rd 85 Head of Holstein Cattle Owner Shady Lane Dairy Sales, Inc Glen and David Fite

FRI AUG 7 - Perry Co Princess Promotional Sale Sponsored by Perry Co Holstein Club Kling's Auction Service, Mgrs, Landisburg, PA

FRI AUG 7, 5 30 P M Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

FRI AUG 7 7 30 P M Public Sale 4th Annual Perry Co Princess Promotional Sale Held at Art Kling Sale Barn, 12 miles north of Carlisle on Rt 74, 2½ mi NE of Landisburg, Perry Co, PA Perry Co Holstein Club Kling's Auction Service Managers

FRI AUG 7 - 7 P M Public Auction of Livestock and Machinery Located approx 9 mi east of Canton, PA 1 mile from West Franklin turn off of Rt 414 at West Franklin on to Rt 514 go approx ¼ mi to Bonney Rd Bill and Patti Pepper, Owners Arlow Kiehl, Auctioneer

SAT AUG 8 10 00 A M Public Sale of Real Estate, Antiques and Collectibles and Personal Property, Located 2 miles northeast of Hegins along Valley Rd in Deep Creek Valley, Hegins Twp, Schuylkill Co, PA 8 miles west off I 81 exit 35 Ida M Shadle Owner George and Mike Deibert Auctioneers

SAT AUG 8 145 Cows at Auction, Located 8 miles south of Dover, turn west from US Rt 13 at sign to Woodside, go thru village to farm, 1½ miles from Rt 13 Woodside, DE Ann Ayr Farm Owners

SAT AUG 8 10 00 A M Public Sale of Household Goods, Automobile, Pool Table riding mower and Real Estate Located 2 miles south of Dillsburg, PA along Rt 194 in Carroll Twp, York Co Dorothy M Black, administratrix Clair R Slaybaugh Auctioneer

SAT AUG 8 - 9 A M Public Auction at Hartman's Grocery, Rt 772 south of Leola off Rt 23 in town of Monterey, PA Liquidation of Groceries, Hardware, Tools, Etc William and Ruth Lefever, Owners Ron Funk, Auctioneer

MON AUGUST 10 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

MON AUG 10 9 30 A M Consignment Sale Located at S Race St, Myerstown, Pa 17067 Sale held by Wengers Farm Machinery, Inc

MON AUG 10 10 A M Public Sale of Large NY State Potato Farm Held in Wayland, NY Pirrung Auctioneers

MON AUG 10 5 30 P M Public Sale of Farm Equipment Located in York Co, PA 2 miles east of Spring Grove on Rt 116, thence turn south onto Bairs Station Rd and go to Bairs Fire Hall and turn west ¼ mile to sale William H Senft Owner Clair R Slaybaugh Auctioneer

WED AUG 12 Public Sale of New & Used Farm Equipment and Tools Located miles south of Rt 23, between New Holland and Leola, turn off S Groffdale Rd at 601 Musser School Rd Robert E Martin & Son 656 7770, Frank L Steller 656 8195 and Blaine Rentzel Auctioneers

WED, AUG 12 1 00 P M Public Sale of Real Estate Located along Rt 222 about 6 miles south of Quarryville, East Drumore Twp, Lancaster Co, PA S Katharine Herr Estate Howard Shaub and Roy C Probst, Auctioneer

THURS & FRI AUG 13 14 Large Sale of Farm Equipment at Horsts Machinery Lot, 1 mile east of Marion, PA Ralph W Horst Manager

THURS AUG 13 2 00 P M Public Sale of Real Estate Held off of Rt 116 between Spring Grove and Menges Mills, PA near Spring Grove High School in Jackson Twp Graybill B and Almena S Hoke Owners Charles L Wehrly Auctioneers

FRI AUG 14, 5 30 P M Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

FRI AUG 14 7 00 P M New Holland Sales Stables Summer Holstein Promotional Sale Held at New Holland Sales Stables, New Holland, PA

FRI, AUG 14 10 30 A M Public Sale for Donald J Arthur Estate Located in Laceyville, PA, on Lacey St which is on west side of Laceyville, PA just off Rt 6 about 18 miles east of Towanda, PA and 15 miles west of Tunkhannock, PA Exit 181 at Clarks Summit and go west on Rt 6 to Laceyville R Austin Backus Inc, Sale Manager and Auctioneer

SAT AUG 15 6 30 P M Danville Livestock Market, horse sale located Old Route 11, Danville, PA Melvin M Lehman, owner

SAT AUG 15 - Little Kutztown Fire Co Consignment Sale 2 miles north of Myerstown, Lebanon Co Local Auctioneers

SAT, AUG 15 10 00 A M Public Sale of Farm Equipment, Antiques and Collectibles Personal Property, Located on the Lila Marie Heim farm, 4 miles east of Klingerstown in the Village of Rough and Ready, Mahantongo Valley at Hegins, take Rt 125 north 6 miles to Keim's Cafe, turn west off Rt 125 take Klingerstown Rd Robert E Heim, Owner George and Mike Deibert, Auctioneers and Realtors

SAT, AUG 15 - 10 00 A M Public Sale of Farmette, Lot and Personal Property Located 1464 Millport Rd, adjacent to Rocky Springs Park, Lancaster, PA Amos K King, Owner E M Murry Assoc, Auctioneers

MON AUGUST 17 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

TUES, AUG 18 - 7 00 P M Public Sale of Real Estate Located at 210 W Main St in the Borough of New Holland, PA Sale by Samuel H and Sara M Martin Robert E and Jeffrey R Martin and Frank L Steller, Auctioneers

WED AUG 19 - 9 A M Consignment Sale by David H Good located ½ mile North of Route 23 on North Maple Ave in Leola, Lancaster Co, Pa Watch for sale signs F Snyder, R Martin, C Wolgemuth, J Fry and L Horst, Auctioneer


## ANNUAL COMBINE AUCTION
### THURSDAY, AUGUST 13
**9:30 A.M.**

Early Combine Listing Includes

JD· new 7720 with all options, late 7700 w/20' grain head, 6600 w/grain head, 3300 w/grain head, 6600 gas, 4400D, 55EB,

IH: 815, 1440, 315, 915, 715, 403, 80.

MF: Late 510 sharp, 510 gas, 410, 750 sharp, Gleaner G, All w/corn head and grainhead,

WHITE: 8600, 350 hrs

OLIVER· 545

CASE 660 sharp.

Many more by sale date.

Also 2, 3, 4, 6, 8 row wide and narrow corn heads to fit most combines.

Also selling 75-100 tractors, hay equipment, tillage equipment and other miscellaneous equipment.

For more information call or write for complete sale bill.

**MINNESOTA IMPLEMENT CO.**
**John Lynch, Manager**
**Grand Meadow, MN 55936**
**507-754-5171**



## PUBLIC AUCTION
### SAT., AUG. 8, 1981
**9:00 A.M.**

**Located at Hartman's Grocery Rt. 772 South of Leola off Rt. 23 in town of Monterey, Pa.**

Complete liquidation of groceries, meat slicer, shelves, cash register, clothing, hardware & tools 1000's of items.

Bring your chair & spend the day.

**Terms-cash** **Lunch available.**

Owners
**WILLIAM & RUTH LEFEVER**

Auctioneer - Ron Funk
Paradise, Pa. 717-442-4279



## POTATO & GENERAL FARM MACHINERY
## DISPERSAL
### MON. AUG. 10
**10:00 A.M.**
**Wayland, N.Y.**

**Sale at the warehouse on Second Avenue (off West Naples St.) in the Village of Wayland.**

Selling complete potato farm operation without reserve!

**GENERAL EQUIPMENT CONSISTING OF: 6 TRACTORS:** 1976 Case 1737 gas uni-loader with produce bucket; 1970 J.D. 4020 diesel; 1970 I.H. 856 diesel; I.H. 806 diesel; extra nice Farmall "Super M", w.f.e.; and Clark gas forklift with 360 degree turn head.

**IMPLEMENTS:** 1979 Haines boom type stone picker; I.H. 510 18-6 grain drill with seeder; 2 4-row tool bars; I.H. 700 series 5-16 semi-mt. trip bottom plow with new mold boards; A.C. 12 ft. mobile disk; A.C. 1200 12 ft. vibra shank; 2 I.H. front mt. 4-row cultivators; set of 16.9 x 34 snap on duals; good set of 18.4 x 38 tires and rims; wheel and front weights for I.H.; 5 16 ft. bulk bodies; 150 pallet boxes;

**TRUCKS:** 1968 I.H. 1800 cab and chassis; 1966 I.H. R-190 cab and chassis; 1965 Chevy, series 60 full 10-wheeler cab and chassis; 1958 I.H. R-185 cab and chassis; 1951 Army Rep 6 x 6 cab and chassis; all above trucks with aux. transmissions; also 1967 Ford flat bed F-600 with aux. trans ; and older trucks.

**POTATO EQUIPMENT:** Extensive line of practically new machinery and packing line items. Contact sales managers for detailed flyer! Equipment includes 2 1979 Harvesters; 3 40 ft. bulk trailer loaders; 2 seed cutters; 14 head auto bagger unit, 1978 Fischbein sewing machine; 2-4 row planters; 1979 windrower, several conveyors; Complete 36 in and 26 in. grading lines, scales; much more!

**Terms: Cash or good check day of sale. I.D. required!**

Auction Condutcted by
PIRRUNG AUCTIONEERS, Inc.
Wayland, N.Y.
716-728-2520



SOMETHING TO CROW ABOUT...
LOW CLASSIFIED RATES WITH EXCELLENT RESULTS!



## PUBLIC AUCTION
### HOUSEHOLD GOODS - ANTIQUES - GARDEN & LAWN TOOLS - BELL COLLECTION
### SATURDAY, SEPTEMBER 5, 1981
**At 10:00 A.M.**

**REAL ESTATE at 1:00 P.M.**

**Located in the boro of West Grove, Chester Co, Pa on Circle Drive 4 miles North-East of Oxford, 1 mile West of Avondale — From Rt 41, take Rt 841 South to Town, turn right at stop sign, 1st left, 2nd right From Rt 1 bypass take Rt 841 south - follow same as above**

REAL ESTATE consists of a ranch type home with 3 bedrooms, living room, kitchen - dining room combination, new furnace, full bath, storm windows, Boro water & sewage, 3 car garage, work shed situated on approximately ½ acre lot. This house is ready to move into with no repairs needed. Immediate possession if preferred.

10% down day of sale - final settlement in 60 days or negotiable OPEN HOUSE FOR INSPECTION OF PROPERTY, SATURDAY, AUGUST 1, from 12 - 3 P M. or for appointment call 215-869-9225 or 215-593-2442.

**HOUSEHOLD GOODS & ANTIQUES**

3 piece solid maple wood bedroom suite; 5 piece solid pine wood bedroom suite; cedar closet; 3 cedar blanket chests; oak slant top desk w/book case, fancy carvings, very nice; oak stand w/claw & ball feet; oak wash stand w/towel rack; old bureau w/4 drawers, solid wood; 2 piece cushion living room suite; 2 youth stools, handmade; walnut coffee table; 8 oak plank bottom matching chairs; oak extension table; Seth Thomas mantle clock; **Seth Thomas solid cherry Grandfather clock;** marble top dresser; electric Singer sewing machine, in wooden cabinet; 2 guns; Kenmore automatic washer & dryer; G.E. refrigerator; G.E. upright, 15.8 cu. ft. no frost freezer; Zenith stereo record & tape player with speaker; Silvertone stereo floor model console; **Zenith floor model color T.V. w/remote control, like new;** 2 hand made cherry wood night stands; 2 brass Tiffany lights; solid pine wood hutch, hand made; marble top wooden record cabinet; copper pole light; iron counter scales w/balances; iron tea kettle; iron match box; 3 sets of chicken & rooster china; chicken on nest; 2 iron owls; pressure cooker; electric fry pan; kerosene lights, iron holders; 2 leather recliners; 2 brass scales; solid wood gun cabinet; Bell & Howell movie camera; 8 mm Kodak movie projector; Aireo slide projector; metal clothes closet; old Ansco camera; cut glass; old sad irons; 1 loose handle; set of dishes; old wood chest; old trunks; milk cans; 2 iron stoves; wooden fishing box; jelly cupboard; old pictures and many items not mentioned

**OLD BELL COLLECTION**

Brass hand bells, approx. 15 different sizes; cow bell; camel bell; old iron camel with pen holder.

**LAWN - GARDEN - SHOP TOOLS**

5 h.p. Hahn riding mower; Hahn self propelled mower; Toro weed eater, Model 7400; Black & Decker skill saw; Bush electric trimmers; anvil; dinner bell; wheelbarrow; step ladder - Items in nice condition

Terms by:
**MAURICE SHAUB, Estate**
Helen L. Gouge, Executor
Attorney Anthony W. D-Onofrio
Auctioneers:
Steve Petersheim
215-593-2442
Everett Kreider

Coming...LABOR DAY
MONDAY, SEPTEMBER 7

## ANTIQUE SALE

At
Farmersville Auction
PH: 717-354-4095
We Accept Consignments

## PUBLIC AUCTION
### SATURDAY, AUGUST 8, 1981
10:30 A.M.

**We have been commissioned to sell a complete line of farm machinery of Carl Beebe. At his farm on Wilson Creek Rd., Berkshire, NY (10 miles N. of Owego, 4 mi. N. of Newark Valley).**

Bobcat; 2-4 WD tractors and machinery 970 Bobcat diesel w/1 yard bucket and fork; Deutz D 800G 4 WD w/cab and 3000 hrs.; David Brown 4 WD w/loader; NH 310 baler w/thrower; NH 489 haybine; Avco NI 324 2 row picker w/12 row head; MF 72 self-propelled combine w/10' head and Hume reel; Brilliant 10' transport cultipacker; IH C-56 4 row planter; JD 35 chopper 2 row head; Gehl FB-8 wagon; 5 hay wagons; AC 4X and 3X plows; 16' Brilliant transport drag; Parker gravity box; Farm-I JL 453 skidding winch; New Idea 300 L 3 pt. pto twin disc fertilizer spreader; Century 3 pt. 200 gal. sprayer w/40' boom; brush hog; stone rake; post hole digger; JD cultivator; trailer; drill; 24' transport elevator; spreader; etc.

Owner
**CARL BEEBE**

Auctioneer's note: A nice clean line here; mostly purchased new by Carl. Call us for more information.

**Sale Managed by:**
**Goodrich Auctioneer Service**
**Rt. 38 and 38 B**
**Newark Valley, NY 13811**
**607-642-8688**

## PUBLIC SALE
### SATURDAY, AUGUST 8, 1981
10:00 A.M.

Held at the corner of Fruitville Pike and Delp Rd., Lancaster, Pa.

**ANTIQUES, FARM MACHINERY, WOOD WORKING MACHINES, ETC.**
**ANTIQUES**

3 oak bedroom suites, oak sideboard, oak round center pedistal table, oak rocker and chairs, Empire sofa and frame, Empire bureau, oak flat top desk, kitchen cabinet, 2 upright pianos, treadle sewing machine, clothes dryer, pitchers, old books, medicine cabinet, blanket chests, jelly cupboard, 2 door walnut Victorian bookcase, 3 glass door wall cabinet, baskets, 2 mill stones, doll cradle, mid Victorian love seat, oak side-by-side desk.

**Old Weathered Barn 28x42 to be removed.**

**MACHINERY**

**Complete coal fired 15-20 hp. steam boiler and engine hooked up to early corn drying machinery.**

2 JD tractors, Farmall Model M tractor, 3 gang plows, harrows, old potato picker, tons of old farm machinery, steam boiler.

24" Egan wood planer, combination band saw/jointer/table saw, old 18x72 metal lathe, grinders, wall mounted drill press, hack saw, chain saws, jacks, old gas engines, extension ladders, coal heatrola, wheel barrow, battery charger, hand tools.

Antique Edwick printing press, canning jars, piles of scrap iron, window sash, firewood plus many items still to be uncovered.

Everything is old, nothing modern.

Sale by
**AMMON K. KREIDER**
First National Bank of Danville
Trust Officer

**Auctioneers**
**William R. Wood and**
**George Rolko**
**687-6978, 687-7725**

Terms Cash, no out of state checks.
Not responsible for accidents day of sale.

# Public Sales Register

WED AUG 19 - 10 00 A M Public Sale of Antiques and Collectibles, Furniture, Glass and China, Misc Items Located at Lykens Valley Shop and Play Hall Rt 209, Lykens, PA Lee D Dockey Auctioneer

THURS AUG 20 Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 11342 Cragerstown, Rd , Woodsboro, Md 21798 Thomas' Miller, Sales Manager, Robert Mullendore, Auctioneer

AUG 20, 21, & 22 - 9 30 A M each day Martin's Carriage, Sleigh and Antique Auction at Intercourse, PA Limited to 300 horse drawn vehicles, horse related items, antiques and furniture Martin Auctioneers, 717-354-7006

THURS AUG 20 6 45 P M Public Sale of Real Estate Located 1 mile west of Elizabethville, along Rt 209 in Washington Twp , Dauphin Co , PA 6 miles east of Millersburg Charles & William F Botts Owners George & Mike Deibert Auctioneers

THURS AUG 20 - 7 P.M Public Sale of 10 Acre Farmette, Located 214 Skyview Lane, Warwick Twp , Lancaster Co , PA Take Rt. 222, Rt 772 (Newport Rd ) turn right onto Skyview Lane Terms by S K Shotzberger, Inc T Glenn Horst and Timothy G Horst Auctioneers

THURS , AUG 20 - 5 30 P M Public Sale of Real Estate, Farm Machinery Located 5 miles north of Delta and about 3 miles south of Norman Wood Bridge off Rt 74, turning at Snyder's Cannery on Snyder Rd , then Castle Finn Rd to place of Sale in York Co , PA John and Mary Thompson, Owner Robert L Sechrist, Auctioneer

THURS AUG 20 - 10 A M Absolute Auction Liquidation Sale of Delaware Lead Construction Co (A Shop and Field Welding Co ) located at 1103 E 16th Street, Wilmington, DE Rudnick & Matas, Auctioneers

FRI AUG 21 - 6 30 P M Consignment of Feeder Cattle & Feeder Pigs at Keister's Middleburg Auction Sales, Inc. Rt 522, 3 miles East of Middleburg, 5 miles West of Selingrove, Pa Don & Walt Keister, Owners, Ray Long & Dave Imes Auctioneers

FRI AUG 21 - 6 P M Arnold's 19th Production Sale of Bred Gilts, Open Gilts, and Boars at the Lebanon Fairgrounds, Lebanon, PA For info contact Leon Arnold 717-273 5880

FRI AUG 21 - 9 00 A.M Public Sale of Excellent lot of Farm Equipment, located 1 mile west of Mercersburg, Franklin Co , PA on Rt 16 Mrs W L Grossnickle Owner J Robert Meyers Auctioneer

FRI AUG 21, 5 30 P M Cap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

FRI , AUG 21 and SAT , AUG 22 - 9 A M 2 Day Public Sale of Antiques and Inventory Reduction of Mace Supply, Rising Sun, MD Location from Lancaster, PA take Rt 222 south to Rt 1, north on Rt 1 approx 4 miles or from Rt 41 go south on Rt 1, 4 miles beyond the PA line Sale along 1 Horseshoe Road Sale by Willard and Anne Mace Auctioneers Lloyd H Kreider, Randal V Kline and Gary L Shirk

## CLOSE-OUT AUCTION
### BEYER'S HARDWARE
### THURS. EVE., AUGUST 6, 1981
At 6:00 P.M.
### & SAT., AUGUST 8, 1981
At 9:30 A.M.

**Located in Christiana, PA at the corner of Bridge & Slocum Ave.**

Mr. Beyer has sold the property so everything must go! Don't miss this one! There are items here everyone can use. Mr. Beyer was the area dealer for John Deere farm equipment for many years. Special tools and shop equipment will be included in this sale.

**SHOP SUPPLIES — JOHN DEERE PARTS**
**MISC. HARDWARE**

JOHN DEERE SNOW BLOWER; Shop supplies include: air compressor; spark plug cleaner; hydraulic floor jack; hand tools; creeper; chain hoist; tap & die set; bag wagon; pry bar; battery charger; paint shaker & mixer; lawn & garden tools; garden supplies; paint & paint supplies; plumbing supplies; electrical supplies; shovels; forks; electric fence supplies; display tables; 6'x8' UTILITY SHED; John Deere engine oil; J.D. paint; Misc. J.D. parts & J.D. owners manuals and parts books; OLD JOHN DEERE SIGNS; Howe scales; 1923 National cash register credit file; old wooden boxes; bag holder; hay hook; fork racks; fruit press; stove pipe; step ladder; nuts; bolts; screws; latches; etc.

Note: Shop equipment & John Deere parts will be sold Thurs. eve.

Terms by:
**BEYER'S HARDWARE**

**Auctioneer:**
**Ivan R. Yost**
**(215) 593-2511**

Food by Christiana Fire Co. Ladies Aux.
All Items Subject To Prior Sale

## LARGE 2 DAY AUCTION SALE COMPLETE LIQUIDATION
### THURS. & FRI., AUG. 6 & 7
9 A.M.

FOR: CORBITS INC., 200 S. Second St., Reading, Pa.

**MECHANICAL CONTRACTOR-Everything Sells to the Highest Bidder.**
**THURSDAY, AUG. 6, 9 A.M.**

Welding positioners, Roller positioners, Benders, Groover, Drill presses, Saws, Arc manipulator, TIG, MIG & Elec. welders, Cutters, Wire feeders, Torch sets, Welding leads, Rod ovens, Bottle carts, Access., Threading machines & dies, Threaders, Pipe clamps, Test balls & plugs, Lathe, Copper & drain cleaning machine, Acid testers, Pipe rollers, stands, & pullers, Grinders, Hammers, Stud fasteners, Pumps, Mixers, Compactors, Vibrators, Hyd. pumps & rams, Chain hoists, Scaffolding, Trench shoring, Transits & levels.

**FRI., AUG. 7, 9 A.M.**

Cars, Pickups, Vans, Util. body tks., Flatbeds, Welding tks., Tk. tractor, Fork tk., Scissors lift, Compressors, Roller & misc., Trailers, Computer, Office furniture & machines, Radios, Real Estate-71,000 sq. ft. light industrial. (SUBJ. TO OWNER'S CONFIRMATION).

**Real Estate Terms: 10% Down Sale Day & Balance 90 Days.**

**SALE TERMS: COMPLETE PAYMENT SALE DAY IN CASH OR GUARANTEED FUNDS ONLY.**

Write or Call for Brochure

**VILSMEIER AUCTION CO., INC.**

Route 309, Montgomeryville, Pa. 18936.
Telephone: (215) 699-5833

## CONSIGNMENT AUCTION
### MONDAY, AUG. 10, 1981
9:30 A.M.

- ★ Usual Run of Tractors, Machinery and Construction
- ★ New tools and tarps sell first
- ★ Special Consignment RV Trailers

**Equipment of Donald J. and Roberta P. Blouch for secured parties to be sold at 1:00 p.m.**

AC 7000 w/cab & air, duals, front wts. 700 hrs., sharp
WD Allis Chalmers, rear wts, good rubber
WD Allis Chalmers, w/loader, good shape
MH 44 tractor w/loader
NH 1469 self propelled windrower, w/cab
NH 269 baler w/thrower
New Idea 7' cut-ditioner
Oliver hay rake, good condition
Bush Hog 10' disc harrow
IH #56 silage blower w/neck
JD 3x pull type plow, 14"
7' 3 pt. scraper blade
300 gal. pull type sprayer
JD 494A cornplanter w/cylinder
Oliver Superior 13 hole grain drill
NH 54" manure bucket
Black Hawk elevator, 32', w/motor
20' Bale wagon on running gear
Little Giant 14' corn drag w/transport and motor
Brillion 10' harrow w/2 ft. wings
4 bottom 3 pt. trip plow, 16"
New Holland gravity bin on gear
Fox 2 beater wagon on 6 ton gear
Brillion 5 foot pull rotary mower
Fox 3 row corn head
Fox 2 row corn head

**WE ACCEPT CONSIGNMENTS ANYTIME**

**Tractors sell at approximately 2:30 followed by construction**

**WENGER'S FARM MACHINERY, INC.**
S. Race Street, Myerstown, PA 17067
717-866-2135

### THE FIFTH ANNUAL
## WAYNE COUNTY JUNIOR LIVESTOCK AUCTION

Saturday, August 15, 1981
7:00 P.M.

**WAYNE CO. FAIRGROUNDS**
Rt. 191 North, Honesdale, PA

Local 4-H and FFA members will sell their project animals

*Selling Approximately*
**27 MARKET STEERS**
**60 MARKET HOGS**
**40 MARKET LAMBS**

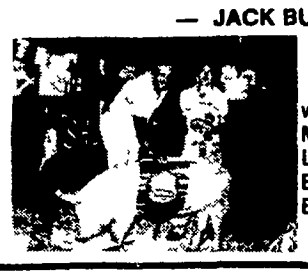
Animals will be judged earlier in the week and buyers will receive duplicate ribbons

Animals will be weighed Saturday morning

Absentee bidding for animals may be arranged through 4-H leaders

Arrangements can be made for transportation, processing and Federal Inspection of these market animals

— JACK BUNNELL, AUCTIONEER —



**Clair Clemons, (left), Hatfield Meat Packing, was the purchaser of the Grand Champion Market Hog at the 1980 Wayne County Junior Livestock Auction. Also shown is the seller, Barbara Edsall, R D. #3 Honesdale and the Bethany 4-H Club.**

# Public Sales Register

**Closing Date - Monday, 5.00 P.M of each week's publication**

SAT AUG 22 - 10 00 A M Public Sale of Tools, Household Goods, Antiques, Located 1 mile NE of Intercourse, 3 miles south of New Holland on corner of N Hollander Rd and Ridge Rd Sale by Abner F and Katie Z Beiler Auctioneers - Robert E Martin and Son 656-7770 and Frank L Steller 656-8195

SAT AUG 22 - 9 00 A M. 13th Annual Community Sale at the Leesport Auction Grounds, along Rt 61N of Reading Sponsored by Berks Co Powona Grange Farm Equipment, Household Goods and Antiques 7 Auctioneers

SAT AUG 22 - 10 00 A M Public Sale of Antiques and Collectibles, Household and Misc Items, Chev Impala Located 7 miles north of Hegins, PA, 2 miles west of Rt 125 (Watch for sale signs along Rt 125 day of sale), 3 miles southwest of Franklin Square in the Mahantongo Valley Clifert Hepler Dockey & Dockey Auctioneers

SAT, AUG 22 - 9 30 A M Fine Antiques and Top Household Goods, Real Estate Located at Springville, PA on Rt 29, Susq Co Leon and Thelma Kinner, Owners M L Bunnell, Sale Manager and Auctioneer 965 2375

SAT, AUG 22 8 30 A M Public Sale of Tools, Equipment, Antiques and Collectibles, Personal Property Located along Rt 225 in the village of Hunter Station, between Dornsife and Trevorton, Northumberland Co, PA Estate of Russell Rebuck George and Mike Deibert, Auctioneers

SAT AUG 22 - 9 A M Public Sale of Antiques, Truck, Guns, Music Instruments. Household and Misc Located at Menges Mills, Spring Grove, RD 3, PA Rt #30 5 miles west of York, turn left on Hanover Rd Follow Rt 116 to Menges Mills Rd then to sale in the village of Menges Mills, PA Mr and Mrs Earl Erb, Owners Philip Erb, Auctioneer

MON AUGUST 24 2 P M Danville Livestock Market cattle and hog auction Located Old Route 11 Danville, PA Melvin M Lehman, owner

WED AUG 26 11 00 A M Pennstar Registered and Grade Holstein cow and heifer sale, 60 registered and Grade Holstein sell at the farm, 1 mile south of Quarryville, PA Carl G Troop, VMD Owner Remsburg Sale Service Manager

WED AUG 26 - 6 P M PA 4th Performance Tested Boar Sale held at PA Dept of Agriculture Meat Animal Evaluation Center, 651 Fox Hollow Rd, State College, PA 16801 Selling Approx 60 boars

WED AUG 26 5 00 P M Public Sale of Antiques and Collectibles at the Lykens Valley Shop and Play Hall, Rt 209, Lykens PA Estate of Karl W Bashoar Dockey & Dockey Auctioneers

THURS, AUG 27 - 10 A M C H Wolgemuth & Sons All Day Fall Equipment Sale Located 4 miles west of Manheim, PA Anything sold on commission Farm Equipment, Garden Tractors, Etc

THURS, AUG 27 Keystone Classic Ayrshire Sale Held at the Guernsey Sales Barn, Lancaster, PA Milton M Brubaker Manager

THURS, AUG 27 7 00 P M Valuable Real Estate Located 2 miles from the Norman Wood Bridge Rd, off the Slab Rd, in York Co, PA Willard M Kilgore, Owner Robert Sechrist, Auctioneer

THURS AUG 27 - 9 A M Public Sale of Real Estate, Antiques, Household Goods, Old Dolls, Guns and Tools Located along Rt 30 in the village of Kinzer, PA Salisbury Twp Lancaster Co, PA About 13 mi east of Lancaster next to Kinzer Firehouse Sale by Olive S Kramer Howard Shaub and Roy Proost, Auctioneers

FRI AUG 28, 5 30 P M Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

FRI AUG 28 Annual Lebanon Co Holstein Club Sale to be held at the Lebanon Area Fairgrounds Harry H Bachman Auctioneer

SAT AUG 29 - 11 A M Consignment Horse Sale at the Keister's Middleburg Auction Sales, Inc Rt 522, 3 miles East of Middleburg, 5 miles West of Selinsgrove, Pa Don & Walt Keister, Owners Ray & Dave Imes Auctioneers

SAT AUG 29 - 9 00 A M 6th Annual Public Sale by the Bareville Fire Co 211 E Main St, Leola, PA Furniture, Quilts, Tools, Dry Goods Groceries

SAT AUG 29 - 11 00 A M Public Sale of Real Estate, Antiques, Collectibles, Household and Misc Items Located on Rt 147 Main St, Herndon, PA Cloyd E Zeigler Estate Dockey & Dockey Auctioneers

SAT AUG 29 Public Sale of Farm Equipment Guns and Misc Items at Mary E Forney Farm near Lewisberry, PA West off Rt 83 at Newberrytown exit Ralph W Horst Auctioneer

## PUBLIC SALE

**VALUABLE REAL ESTATE**
**71 ACRE FARM**
**THURSDAY EVE., AUGUST 27, 1981**
**At 7:00 P.M.**

**Located approx. 2 miles from the Norman Wood Bridge Rd., off the Slab Rd. in York Co., Pa. Watch for sale sign.**

Farm containing 71 acres, more or less having about 40 acres tillable, 5 acres pasture and balance is woodland.

Improvements are a 10 room frame house with electric, bank barn, corn barn, garage and other outbuildings, There are several springs on the farm plus 2 streams. Included in the sale will be approx. 25 acres of good growing corn.

For inspection by appointment call 717-862-3540 evenings. Terms 10% down with balance in 30 days.

**WILLARD M. KILGORE**
R.D. 2 Airville, Pa.
Robert L. Sechrist, auctioneer
Not responsible for accidents

## PUBLIC AUCTION

**LIVESTOCK & FARM MACHINERY**
**FRIDAY EVENING, AUGUST 7**
**at 7 P.M.**

**Located approx. 9 mi. east of Canton, PA. 1 mile from West Franklin turn off of Rt. 414 at West Franklin on to Rt. 514 go approx. ¼ mi. to Bonney Road watch for Auction Arrows.**

### 63 Hd. Hol. Cattle

Consisting of 28 mature cows, several bagging and handling, some just recently fresh, balance bred back for winter and spring freshening, 13 beautiful 1st Calf hfrs, due in Aug. & Sept. 13 nice open hfrs. big enough to breed. 4 yearling hfrs., 5 started hfrs. and bull calves. Most of these cattle have been raised on farm and the Peppers have continuously upgraded their herd by using good service sires. You will find a good working herd of cows here. Cattle will be tested and pregnancy checked ready for interstate if so desired.

### Machinery

Massey Ferguson 180 Diesel Tractor just recently overhauled
Farmall M Tractor, Farmall H. Tractor
N.H. 479 haybine, M.F. 124 baler with kicker
N.H. 55 rake, 2 wagons with good kicker racks
1 self unloading wagon (8 ton running gear with flotation tires), N.H. P.T.O. mower, Girton 28' elevator, Gehl 85 chopper with single row corn head, N H. long trough blower, M.F. 10' transport Disc, Int 2 row corn planter, M.F. 3 bottom 14" Plows, set of 12' harrows, 3 Pt. hitch scraper blade, N.H. 328 Manure spreader with hydraulic tailgate, 3 DeLaval milker units, Dumping station.
1978 Ford 250 ¾ ton Pickup truck, 4 Wheel Drive, 22,000 Actual Miles.

### Produce

28 Acres of nice standing corn
8 Acres of Oats, approx 7000 bales of mixed hay.
Lunch Available
Terms: Cash or Good Checks

Owners
**BILL & PATTI PEPPER**
Auctioneer: Arlow Kiehl

**Auct. Note - The above equipment has been well cared for and maintained, everything is ready to go to work for the new owner.**

## PUBLIC SALE

**OF REAL ESTATE**
**(95 Acre Farm)**
**WED., AUG. 12**
**at 1:00**

**Located along Rt. 222 about 6 mi. south of Quarryville, East Drumore Twp., Lancaster Co., Pa.**

Real Estate: 95 acre farm w/2½ story frame house w/10 rms. & 1½ baths. Frame: bank barn, 1 story chicken house, 1 story equipt. shed, 2 story tobacco shed, 2 story garage. Old log & frame butchering house & equipt. shed. Total of 95 acres including 78 acres tillable ground, 7 acres of woodland, 10 acres of meadow w/2 streams. Property will be open for inspection Sat's., July 25, Aug. 1 & 8 from 10:00 A.M. until 12:00 noon or phone 786-2535.

Sale by
**S. KATHARINE HERR ESTATE**
(Mrs. Benj. H. Herr)
Hamilton Bank and
Elizabeth H. Andrews
Co-Executors
Paul F. McKinsey Atty.
Howard Shaub Auctioneer 464-3541
and Roy C. Probst

## PUBLIC AUCTION

**Valuable Real Estate**
**Farmette, Lot & Personal Property**
**SATURDAY, AUGUST 15**
**10:00 A.M.**

**Located at 1464 Millport Road, adjacent to Rocky Springs Park, Lancaster, Pa.**

**• • • • • Farmette • • • • •**

Consists of 5.2 acres M/L, Limestone soil located in West Lampeter Township, Lancaster Co., Pa. Thereon erected a two story, five bedroom frame farm house with 1½ baths, Modern kitchen and butchering facilities, also large bank barn and workshop.

**• • • • • Lot • • • • •**

Lot contains 1.1 acres M/L fronting Millport Road to be offered both separately and entirety with the Real estate mentioned above.

**• • • • • Personal Property • • • • •**

Farm Equipment: Lima 15 KW brushless synchronous alternator, rear steel wheels for manure spreader; horse drawn plows, 1 riding type, platform cart, hay hook, manure spreader, weeder, power hack saw, gas motor, milk cans, large metal feed bins, chain binders, metal carts, air compressor, extra large air tank. Misc.: app. one ton of coal, power and push mowers, spreader, market pie cases, 100 misc. glass and plastic containers, lantern globes, iron pump trough, lard cans, iron butcher kettle, fans.

**NOTE:**
**• REAL ESTATE WILL BE OFFERED AT 10:00 A.M.**
**• TO INSPECT THIS MULTI PURPOSE PROPERTY CALL (717) 786-1020, 626-5244, 626-2636 FOR APPOINTMENT OR ATTEND THE OPEN HOUSE ON JULY 31, 7:00-8:30 P.M. OR AUGUST 7, 7:00-8:30 P.M.**
**• INTERESTED PARTIES THINK POSITIVE!**
**• DON'T MISS THE BARGAIN OF THE YEAR!**
**TERMS:**
**• 10% DOWN DAY OF SALE**
**• BALANCE ON OR BEFORE OCTOBER 15TH.**

Sale by,
**AMOS K. KING**

E. M. Murry Associates
287 Lime Rock Road
Lititz, PA 17543
Elmer Murry 626-5244 - 626-2636
Richard Murry 626 8175 - 949-2280
Ken Miller 665-2073
Professional Auctioneers
Appraisers and Advisors
Since 1953

## PUBLIC SALE

**DAIRY HERD DISPERSAL**
Due to barn being burnt
**TUESDAY EVE. AUG. 4, 1981**
at 7:00 P.M.

**Located 3½ mi. East of Brunswick, Md. on route 464 to Landers Road, or 11 mi. south of Frederick, Md. on route 15 to route 464, west 3½ mi. To Landers Road, South ½ mi. to sale.**

**100 Head of Holstein Dairy Cattle 100**

Consisting of 25 fresh in past 60 days. 25 due to freshen by sale date or dry. Balance in different stages of lactation. Some of cows are registered. 1 Purebred service age bull. Bangs & T.B. tested within 30 days of sale.
Sale held in tent - loading chute
**Terms: Cash - Not Responsible for Accidents**

**MRS. ELLA MAE FINNEYFROCK**
Phone 301-834-6317
Auctioneer: Robert C. Mullendore
Clerk: C.L. Metz
Lunch Rights Reserved

## PUBLIC SALE

**HARRY L. SMITH ESTATE**
**VALUABLE REAL ESTATE**
**HOUSEHOLD GOODS, AUTOMOBILE, POOL TABLE, RIDING MOWER, ETC.**
**SATURDAY, AUGUST 8, 1981**
**AT 10:00 AM Sharp!!!!**

**The undersigned administratrix will offer the following real and personal property at the site of the Real Estate located 2 miles South of Dillsburg, PA along Rt. 194 in Carroll Twp., York County.**

**REAL ESTATE AT 12:00 NOON**
**(Auto to follow)**

**TRACT #1:** Consisting of 14.82 acres, more or less, situated in Carroll Twp., York County, PA fronting on both sides of Route #194 for 724 feet. Acreage is improved with a 2 story frame and insulbrick dwelling having a livingroom, combination kitchen/dining area, a full bath, and a recently built panelled game room on first floor. Second floor contains 4 bedrooms and sewing room. Home has a full finished attic, 2 compartment basement, cemented porch around half of house, modern cupboarded kitchen, an abundance of closets, electric heat, an active artesian well and a well landscaped lawn area. Farm also contains a frame 2-car garage and machine shop along with an underground meterized fuel pump.
**TRACT #2:** Consists of a well situated 1 acre - lot having 208 ft. frontage on Route 194 being adjacent to and adjoining Tract #1.
INSPECTION OF REAL ESTATE BY APPOINTMENT ONLY. Phone: 717-528-4848
NOTE: This entire acreage is fine tillable soil with unlimited potential and should capture the interest of anyone desiring a small farm and a fine home within 2 miles of town.

**AUTOMOBILE-RIDING MOWER**

1976 Chevrolet Nova 4-door sedan having automatic trans., power steering and brakes, air conditioning and 52,000 miles in A-1 condition; Sears 10 HP Riding mower with blade.

**HOUSEHOLD, POOL TABLE, ETC.**

Very nice regulation Pool Table, slate top with ball rack, cues, balls and supplies; Maytag wringer washer; nice GE electric dryer; GE 11.8 cu. ft. refrigerator, 2-door with freezer across top; Double rinse tubs; Magnavox 23" color TV; GE B&W TV; Wellbilt 8000 BTU air conditioner; Electrolux sweeper, like new; 5-Piece walnut waterfall bedroom suite; Kelvinator appt. size electric stove; 7-piece breakfast set; Cedar wardrobe & Lane Cedar chest; Sofa bed; Vibrating recliner; Proctor ironing board; 2 Sets coffee and end tables; Electrical applicances and heater; Library table; 2 Press back chairs; Clothes rack; Cosmetic stand; 2 Utility cabinets; Folding chairs; Stepstool; Cookware; Dishes; rotary push mower; Garden and Hand tools; Kettle furnace; 5' metal stepladder; plus many items too numerous to mention.

**TERMS-PERSONAL PROPERTY-Cash, travelers or personal checks with approval. Lunch stand rights reserved.**

Administratrix,
**DOROTHY M. BLACK**
R.D. #2 Box #29
York Springs, PA 17372

CLAIR R. SLAYBAUGH,
Auctioneer
Idaville, PA Phone 717-677-7479
LARRY HEIM, Attorney

# PUBLIC SALE

## REAL ESTATE AND FARM MACHINERY

## THURS. EVE., AUGUST 20, 1981

**At 5:30 P.M.**

**Located approx. 5 miles north of Delta and about 3 miles south of Norman Wood Bridge off Rt. 74, turning at Snyders Cannery on Snyder Rd. then Castle Finn Rd. to place of sale in York Co., Pa. Watch for signs leading to sale.**

**7:00 P.M. REAL ESTATE 7:00 P.M.**

Farm containing 76 acres more or less, of which about 45 acres are good tillable farmland & balance is woodland & pasture.

Improvements are a lg. 7 room frame house w/bath & partially remodeled kitchen, new plumbing throughout the house; 26 x 52 farrowing house w/farrowing crates & nursery pens & storage over head & several other outbuildings

For inspection by appt call 301-838-4900. Terms 10% down day of sale with balance in 60 days.

**5:30 PM FARM MACHINERY & TOOLS 5:30 PM**

Oliver 1750 diesel tractor w/WFE, 18.4x34 tires & in good condition; JD F-145 4-14" bottom semi-mount plows· JD KBA 32 disc; 7 ft transport kilifer disc; 1100 gal Better Built liquid manure spreader; Athens 10 ft. 3 pt. chisel plow w/3 bars & depth wheels; N.I. #510 manure spreader; N.I 5 ft. rotary mower; new 6 ton bulk feed bin; Agstar automatic feeding system w/feeders; Smidley hog feeder; hog waterers; 70,000 BTU gas heater; 6-4500 BTU & 3-6800 BTU catalytic heaters; wheelbarrow; platform scales; rear blade; Penncraft 230 amp welder; Snapper 8HP riding mower; 102-6 ft. concrete hog slates for manure pit; log chains; fencing; snow fence; chicken feeders; hog troughs; elec. cords & many items on wagon not listed.

Terms: cash or approved check

**JOHN W. THOMPSON, JR.**

**MARY L. THOMPSON,** owners

RD 2, Delta, Pa.

Robert L. Sechrist, auctioneer

Anderson & Warner, clerks

Not responsible for accidents

# PUBLIC SALE

## THURSDAY, AUGUST 13

**At 2:00 P.M.**

**Valuable York Co. Real Estate of Graybill B. and Almena S. Hoke, located off of Rt. 116 between Spring Gorve and Menges Mills, Pa. near Spring Grove High School, in Jackson Twp.**

### HOKE HOMESTEAD FARM

150 Acres more or less with 60 acres pasture land fenced and with water, 4 acres woodland some with nut trees, 86 acres tillable farm land, never failing spring, reservoir on hill 110 bbl. capacity, good water pressure, wind pump and auxiliary pump, also stream through farm.

Colonial type house of brick construction with slate roof and partly stormed insulated, large balcony, 4 bedroom and bath on second floor, cupboards and closets, beautiful open stairway in natural wood, first floor has modern kitchen, dining room, living room, den and ½ bath, three part basement 1 cement, hot water heat gas fired, 85 gal. water heater.

Tenant house is of frame construction with asbestos siding and tin roof, 3 bedrooms, bath and sewing room on second floor, kitchen, living room and dining room on first floor, 2 part basement fully cemented, oil fired hot air heat, partly stormed, 56 gal. hot water heater.

Large stone construction summer house with tin roof.

Stone spring house with slate roof.

Large 105 ft. + 50 ft. barn with good timbers and slate roof, utility shed with tin roof, smoke house with shingle roof, chicken house tin roof, sheep stable tin roof, workshop tin roof, two car cement block garage asbestos roof, corn barn and shed comb. with slate and tin roof, frame garage and utility shed tin roof, large implement shed slate roof, large shed for hay storage or other use tin roof, tile silo, all buildings are in good repairs.

Not responsible for any accidents.

**Terms of real estate 10% day of sale. Bal. on or within 60 days, for inspection of real estate call 717-225-1946 for appt.**

**GRAYBILL B. & ALMENA S. HOKE**

R.D. #3 Spring Grove, Pa.

Tel. 717-225-1946

Charles L. Wehrly, Auct. 235-4146

Louis T. Guthrie, Attorney 632-5315

# Public Sales Register

**Closing Date - Monday, 5 00 P M of each week's publication**

SAT, AUG 29 10 30 A M Public Sale of Real Estate, Household Goods and Antiques Located 14 miles east of Lancaster, 12 miles west of Coatesville, just south of Rt 30, along Newport Ave in the village of Gap, Lancaster Co, PA Mary M Usner, Owner Diffenbach's Auctioneers

MON AUGUST 31 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

## SEPTEMBER

WED SEPT 2 - 9 A M Consignment Sale by David H Good located ½ mile North of Route 23 on North Maple Ave in Leola, Lancaster Co, Pa Watch for sale signs F Snyder, R Martin, C Wolgemuth, J Fry and L Horst, Auctioneer

THURS SEPT 3 - Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 2220 Dairy Road, Lancaster, Pa 17601 Dennis Kolb, Sales Manager, Robert Mullendore, Auctioneer

MON SEPT 7 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

MON SEPT 7 - Public Sale of Household Goods, Antiques and Farm Equipment Located along Rt 124 2 miles west of East Prospect, York Co Daniel Hoover Owner Nevin Z Martin and Lewis B Groff Aucts

MON, SEPT 7 - Labor Day Antique Farmersville Auction In Farmersville, 3 mi East of Brownstown, Lancaster County, PA John J Rutt, Auctioneer

MON SEPT 7 9 30 A M Public Sale of the Sadie Schannauer Estate located along Rt 897 midway between Reinholds and Balinsport, Lanc Co, PA Sale of Real Estate, Coins, and Household Goods H H Leid Auction Service

MON SEPT 7 10 A M Public Sale of Real Estate, Antiques & Collectibles and Household Items Located along Rt 209, 1 mi west of Lykens, PA in the Village of Big Run Esther Boxwell, Owner Dockey & Dockey, Auctioneers

THURS SEPT 10 - Dispersal of Holstein Dairy Cattle Directions take Rt 272 North from Ephrata to Schoeneck Road, take Schoeneck Road to Schoeneck, turn right at Fire Hall to first farm on right Sale by John M and Lena H Nolt, John E and Paul E Martin, Auctioneers

THURS SEPT 10 Farm Equipment Sale at Horsts Machinery lot, located 1 mile east of Marion, PA Ralph W Horst Manager

FRI SEPT 11, 5 30 P M Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

FRI SEPT 11 - 6 30 P M Houvale Farms 7th Yorkshire Production Sale of Bred Gilts, Open Gilts and Boars at the Lebanon Fair Grounds, Lebanon, PA for Info contact Elwood E Houser 717-272-5798 or 273 2921

FRI, SEPT 11 - 9 30 A M Located at the Belleville Livestock Market Annual Fall Machinery Sale, all kinds of machinery on consignment Glick, Gibboney and Gilligan, Auctioneers

SAT SEPT 12 - 10 A M Public Sale of Household Goods & Antiques Take Rt 322 East from Ephrata, Pa to Hinkletown, at Hinkletown turn South onto Farmersville Rd, go to T Rd, property on right next to Sensenig's Furniture Sale by Levi M Hoover Auctioneers John E & Paul E Martin

SAT, SEPT 12 - 10 A M Consignment Sale of Farm Equipment and Horse Drawn Implements located Route 11 and 15, 8 miles North of Liverpool and 9 miles South of Selinsgrove, Port Trevorton RD#1, Pa Sale by Elmer Stauffer, Frank Snyder and B D Imes, Auctioneers

SAT SEPT 12 - 9 A M Public Sale of Antiques & Collectibles, Household Items, Farm Machinery and Misc Located 1 mile east of Rt 225, 10 mi south of Trevorton, PA in the village of Red Cross John V Maurer Estate Dockey & Dockey, Auctioneers

MON SEPT 14 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

WED SEPT 16 - 9 A M Consignment Sale by David H Good located ½ mile North of Route 23 on North Maple Ave in Leola, Lancaster Co, Pa Watch for sale signs F Snyder, R Martin, C Wolgemuth, J Fry and L Horst, Auctioneer

THURS SEPT 17 - Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 11342 Cragerstown, Rd, Woodsboro, Md 21798 Thomas Miller, Sales Manager, Robert Mullendore, Auctioneer

THURS SEPT 17 - 7 P M Real Estate Sale of 2 Homes Located 12 miles south of Lancaster on Rt 272 From Lancaster to the Buck west on 372, go 1 mi and left on Susquehanna Drive, 2½ mi to property Sale by Harry Shoun Auctioneer - Harry Whiteside

FRI, SEPT 18 - 6 30 P M Public Sale of Real Estate Located south of Rt 340 in Intercourse on Queen Rd, Henry S Esh Owner Robert E and Jeffrey R Martin and Frank L Steller, Auctioneers

# Good's Auction

**111 North Maple Ave.**

**Leola, PA**

**Hay, Straw & Grain Sales**

**Every Wednesday**

**12:00 Noon**

**Farm Machinery**

**First and Third Wednesday**

**January thru November**

**starting at 9:00**

**With 6 Auctioneers**

**Tools and Hardware**

**Lawn & Garden Equipment**

**12:00 Noon**

**Farm Machinery - 12:30**

**No out of state checks**

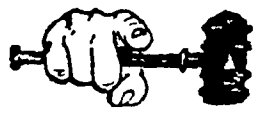
**No household Goods, no clothing.**

**No poultry Equipment or scrap tin.**

**DAVID H. GOOD & SONS**

**RD 1 Leola, PA 17540**

**717-656-9558**



# PUBLIC SALE

## NEW, USED & ABUSED FARM EQUIPMENT & TOOLS

## WEDNESDAY, AUGUST 12

**At 9:30 A.M.**

**Located between Leola and New Holland turn off Rt. 23 on South Groffdale Road turn left on Musser School Road, Lancaster, Pa.**

### Tractors

930 Case Comfort King Diesel; 930 Case Standard with Turbo Diesel; 919 Allis Chalmers Gas; D17 Allis Chalmers Gas; W-450 International Diesel; Farmall M; 55 Massey Harris Gas; Model L. Case.

### New Equipment

323 N.I. 1 row Cornpicker; 8 ft. Brillion Packer Seeder; 206 N.I. Spreader; 6 ton Farm Built Wagon Gear on steel; Pittsburgh Spring Harrow; Pull Type Disc; Gravity Bins; USED EQUIPMENT — McMormick No. 7 and No. 9 Cutters; 16" and 19" Papec Cutters; C40 Gehl Cutter; #5 Oliver Cornpicker; 1 PR McCormick Cornpicker; N.I. 323 Picker; Roto Beater; J.D. and M.C. 2 Way Plows; 24 KBA Disc; N.I. Wheel Rake; N.I. 4 Bar Rake; 2 Grain Drills; Ground Drive and P.T.O. McCormick Cornbinders; J.D. P.T.O. Cornbinder; Loaders for all Corn Binders; 271 and 273 N.H. Balers; McCormick Silage Blower; Rosenthal Husker Shredder; Truck load of Tools.

Auctioneer's Note — Not many small items, we expect more items day of sale. Sale at 9:30.

Terms are cash. Out of state checks must be approved by seller.

Terms by

**ELIAS S. BEILER**

601 Musser School Rd.,

Leola, Pa. 17540

Auctioneers

Robert E. Martin & Son, 656-7770

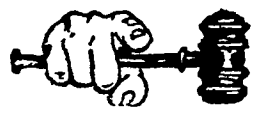
Frank L. Steller, 656-8195

Blaine Rentzel

Food by Bareville Auxiliary

Not Responsible for Accidents.

Closed Sundays.



# PUBLIC SALE

## OF VALUABLE REAL ESTATE

## TUES. EVENING, AUGUST 18

**At 7:00 P.M.**

**Located at 210 West Main St. in the Borough of New Holland.**

**Lot 50 ft. by 270 ft. more or less**

**Erected on this plot a**

**2½ Story Brick Dwelling**

with new wood shingle roof. Kitchen with double stainless steel sink, dining room, living room with wall to wall carpet, open stair way, 3 bedrooms, closet space, full bath, attic floor insulated, L porch, full concrete basement with outside entrance, oil fired hot water baseboard heat with summer & winter hookup, all copper plumbing, ½ bath, town water and sewer, 2 car garage with 2 new fiberglass doors and new roof, concrete floor, 15x15 frame building.

Inspection of property, August 1 and 8 from 2 to 4 P.M. or call 354-8656 for appointment. 10% down day of sale, balance on or before October 19, 1981.

Terms by

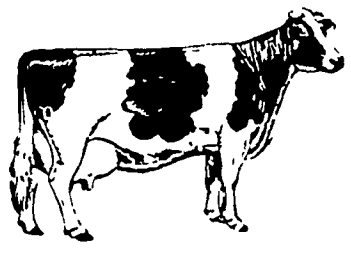
**SAMUEL H. & SARA M. MARTIN**

Auctioneers

Robert E. & Jeffrey R. Martin, 656-7770

Frank L. Steller, 656-8195

Charles Benner, Atty.



# NEW HOLLAND SALES STABLES SUMMER HOLSTEIN PROMOTIONAL SALE

**Held at New Holland Sales Stables**

**New Holland, PA**

## FRIDAY, AUGUST 14 - 7:00 P.M.

**125 HEAD REGISTERED HOLSTEIN**

These animals will be consigned by our regular shippers and local breeders. Several good 1st calf heifers and few service age bulls. All animals 30 day tested for interstate shipment.

Catalogs night of sale.

**Henry Kettering - pedigrees**

**For More Information Contact**

**Norman Kolb** 717-397-5538

**Abe Diffenbach** Office 717-354-4341

# Public Sales Register

**Closing Date - Monday, 5:00 P M of each week's publication**

FRI SEPT 18, 5 30 P M Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lan caster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

SAT SEPT 19 - 6 30 P M Danville Livestock Market, horse sale located Old Route 11, Danville, PA Melvin M Lehman, owner

SAT , SEPT 19 - 9 00 A M Fall Consignment Auction, Towne Tractor Co , Rt 33, Freehold, N J John Kachmar Auctioneer, John Wooton, Auction Manager Consignments Welcome 201 431-3838

SAT , SEPT 19 - Public Sale of Real Estate, Juniata Co , PA For information contact Long Bros , Aucts RD 2, Port Royal, PA 717-527 5784

MON SEPT 21 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

THURS SEPT 24 - Public Auction of 102 acre limestone farm Take Rt 272 North from Ephrata to Schoeneck Road, take Schoeneck Road to Schoeneck, turn right at Fire Hall to first farm on right Sale by John M and Lena H Nolt John E and Paul E Martin, Auctioneers

FRI SEPT 25, 5 30 P M Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lan caster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auc tioneers

SAT , SEPT 26 - 12 00 P M Public sale of Holstein Dairy Cattle Located 4 miles N of rt 6 and Meshoppen, PA on Craig Hill, Mrs Frank Dunlap, Owner M L Bunnell, Auc tioneer and Sale Manager, 965 2375

SAT SEPT 26 Public Sale of Real Estate, Household Goods and Antiques, Located at 1864 W Main Street, Ephrata, PA Sale by Ellis K Martin, power of attorney for Clayton C Martin John E and Paul E Martin Auctioneers

MON SEPT 28 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

TUES EVE SEPT 29 Franklin Cumberland Co Holstein Sale at Shippensburg, PA Fairgrounds, Ralph W Horst and Fred M Naugle Sale managers

## OCTOBER

THURS OCT 1 Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 2220 Dairy Road, Lancaster, Pa 17601 Dennis Kolb, Sales Manager, Robert Mullendore, Auctioneer

FRI OCT 2 5 30 P M Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lan caster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auc tioneers

SATURDAY OCTOBER 3, 1981 Wesson Charolais Production Sale at the ranch at Koshkonong, Missouri Salemanaged by Buzz Garey, 100 Walnut Lane, Morrisville, PA 19067

MON OCT 5 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman owner

WED , OCT 7 Beef Livestock Market Annual Cow Show and Sale Show at 9 30 and sale at 12 30 Mark Glick, Auctioneer

WED OCT 7 - 9 A M Consignment Sale by David H Good located ½ mile North of Route 23 on North Maple Ave in Leola, Lancaster Co , Pa Watch for sale signs F Snyder, R Martin, C Wolgemuth, J Fry and L Horst, Auctioneer

FRI OCT 9 - 5 30 P M Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lan caster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auc tioneers

SAT OCT 10 10 00 A M Special Heifer Sale Selling Approx 700-800 head Held at New Holland Sales Stables, New Holland, PA

MON OCT 12 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

THURS OCT 15 Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 11342 Cragerstown, Rd , Woodsboro, Md 21798 Thomas Miller, Sales Manager, Robert Mullendore, Auctioneer

FRI OCT 16 - 5 30 P M Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

SAT OCT 17 6 30 P M Danville Livestock Market, horse sale located Old Route 11, Danville, PA Melvin M Lehman, owner

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**HARRY RUDNICK & SONS, INC.**
**Livestock Sales Every Tuesday**
**Galena, Md.**
**New Phone (301) 648-5601**
**MONTHLY DAIRY SALE**
**TUES. AUG. 4th**
**at 7 p.m.**

Featuring 20 close or fresh Holstein Heifers, (5) are Registered Holsteins, (15) Grades by Artificial sires, DHIA records on some of the dams....

Also other consignments, Fresh cows, open heifers, T.B. and Bangs tested for out of state shipment....

**Joe Rudnick, Auctioneer**

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# GAP AUCTION

**FRIDAY EVE., AUG. 7**
**5:30 P.M.**

**Located off Route 41 - Lancaster Avenue Opposite Turkey Hill Minit Market - Cross RR Bridge**

**PARKESBURG ESTATE PLUS ADDITIONS**
**ANTIQUES AND HOUSEHOLD GOODS**
**SOLD AT EVERY AUCTION**
**CONSIGNMENTS ON MONDAYS**
**FROM 8:00 A.M. to 7:00 P.M.**
**OTHER DAYS BY APPOINTMENT**

Call us for pick up service

**IRA STOLTZFUS & SON, Auctioneers**
**442-4936 or 442-8254**
CONDUCTORS ALL TYPES PUBLIC SALES

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# ★ PUBLIC SALE ★

**MONDAY EVENING, AUGUST 10**
**at 5:30 P.M.**
**FARM EQUIPMENT, ETC.**

**Due to the undersigned quitting farming will sell at Public Sale on the premises, located in York County, PA 2 miles East of Spring Grove on Route #116 thence turn South onto Bairs Station Road, and go to Bairs Fire Hall and turn West ¼ mile to sale, the following:**

## 2 TRACTORS 2

J.D. 2510 row crop, gas, 13.6-38 tire, also two row cult., and tire chains, Massey Ferguson 65 and loader, 13-28 tire, both tractors w/like new tire, Ford 3-14" trip back plow, 3 PT. N.H. 270 hayliner baler, P.T.O. J.D. 12' shovel spring tooth tractor harrow, nice 9' single roll packer, Mc-Deering 28-14" disc harrow, nice 9'-3 sec steel land roller, J.D. 290-2 row corn planter, Ontario 12-7 disc grain drill, New Idea #18 manure spreader, ground drive, nice McDeering 10' lime drill, Massey Ferguson 7' mower 3 PT. very nice New Idea 400 speedy rake, Woods Bros. 6' rotary mower, Shultz stalk shredder, smoker 28' elevator w/motor, J.D. hay crimper, Grove rubber tire wagon w/tight bottom and 20" sides, metal hog feeder, 10 Hole, fuel tank 275 gal. w/pump, barrel hog water, 30'-6" endless belt, steel drums, metal wheel barrow, rubber tire, bag truck, 2 cast iron butcher kettles, Note a real nice lot of equipment selling at this sale.

Try and plan to attend, Come early very few small items,

**NOT RESPONSIBLE FOR ACCIDENTS TIME OF SALE.**

**TERMS: Cash or Approved Check.**

Owner,
**WILLIAM H. SENFT**
R.D. 6 Spring Grove, PA

Clair R. Slaybaugh,
Auctioneer
Phone: 677-7479

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LEE D DOCKEY AUCTIONEER
ESTATE LIQUIDATOR APPRAISER
Box 164 Pillow, Pa 17080
758 6004

# AUCTION

**OF**
**ANTIQUES & COLLECTIBLES**

**WEDNESDAY, AUGUST 19**
**10:00 A.M.**

**Located at Lykens Valley "Shop and Play Hall", Route 209, Lykens, Pennsylvania.**

## FURNITURE

Decorated Wood Box with Potted Tulips and Flowers, Scroll Ends and Scroll Back; 3-Drawer Soft Wood Wash Stand; Butternut Empire Server; 2-Pc. Cherry Corner Cupboard with 2-Door Top, 1-Door Bottom, Top and Bottom Dovetailed; Oak Table with Rope Turned Legs; Ox Yoke; Organ Stool with Ball and Claw Feet; (2) 6-Legged Cherry Dropleaf Tables, Refinished; 2-Pc. Soft Wood Corner Cupboard with Original Brown Grained Paint and Mustard Trim, 12-Pane Arch Top Door with 2-Drawers and 2-Doors in Base; Dough Box; Upright Piano in Walnut Case by French & Sons; Low Dry Sink with 4 Drawers Along Side and Zinc-Lined Well; Walnut Empire Desk; 3-Ladder Back Chair; (6) Cane Seated Chairs; Etc.

## GLASS & CHINA

Opalescent Glass; Double Milk Glass Fish Dish Dated June 4, '72; Selection of Pressed and Pattern Glass; Heisey Basket; Bohemian Glass Vase; Amber Slipper; Marigold Carnival Bowl; Child's China Tea Set; Noritake and Nippon China; Rainbow Spatter Plate with Amethyst and Red Decoration (sm. edge chip); App. 102-Pcs. of Azalea China (large turkey platter, toothpick holder, egg cups, tea pot, vinegar cruet, etc.); Coca Cola Mug with Handle; Miniature Roman Key Pattern Kerosene Lamp; Goebel Crystal Glass Ornament 1979; Mother's Day Crystal Glass Bell 1979 by Goebel; Baby's First Step Norman Rockwell Figurine; Norman Rockwell Bell 1979 Christmas; Hummel Annual Bell 1980; Currier & Ives Christmas Bell Sleigh Ride 1979; Santa Clara 1972 Mother's Day Plate; Royal Copenhagen 1979 Plate; Imperial Crystal Christmas Plate of Seven Swans A Swimming; 1975 Moppets Christmas Plate by Gorham; 1977 Wedgwood Christmas Plate; B & G Christmas Plates; Etc.

## MISC. ITEMS

Assortment of Brass Buckets; Skater's Lantern; Early 3" Miniature Blown Flask; Coffee Grinder; Assortment of Kerosene Lamps; Bennington-Type Tea Pot "Rebecca at the Well"; Assortment of Quilts - Early Applique Quilt in Red, Green and Gold Dated 1858; Brass Stencil; 7-Pc. Toilet Set; Adv. Sign "The Thresher of the Period" Mfd. by Aultman & Taylor Co.; Collection of Postcard Albums; Oak Wall Telephone; Amos & Andy Fresh Air Taxi (as is); Copper Washboilers; Tin Toy - "The Speedway" Mfd. by McDonald; Small Toy Monkey; Humpty Dumpty Egg Crate; 1¾ h.p. Gasoline Engine Mfd. by Associated Co.; 2 h.p. Economy Gasoline Engine; Tiffany-Type Table Lamp; Collection of App. 15 Currier & Ives, Many in Color and Army Officers; Dauphin County History Book; Iron Butcher Ladles; Early Half Column Mirror; Early Fireplace Trivet with Heart Design; Small Chippendale Walnut Wall Mirror (some damage); Cloisonne Table Lamp; Pr. of Gorham Sterling Candle Stick Holders; Copper Apple Butter Kettle; Cast Iron Bull Dog; McHenry Whiskey Bottles; Beam Cat Bottle; Etc.

This is only a partial listing. For complete catalog send name, address and stamp to auctioneer

**Terms: Cash. Personal checks accepted only from persons having an established account with auctioneer.**

LEE D. DOCKEY
Auctioneer-Estate Liquidator-Appraiser
Box 164 Pillow, PA 17080
Phone: 717-758-6004

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# PUBLIC SALE

**SATURDAY, AUGUST 29**
**10:30 A.M.**

**Located 14 miles east of Lancaster, 12 miles west of Coatesville, just south of Route 30, along Newport Ave. in the village of Gap, Lancaster County, Penna.**

## REAL ESTATE

**BRICK HOME** in like new condition, with attached two car garage.

Three bedrooms all with large closets: Living room with fireplace; Dining room with built-in Birch corner cupboard; Modern kitchen with Birch cupboards and ample counter space; built-in Kelvinator stove and oven; Eating area; One and one-half baths; Laundry area; storm windows.

Hot water oil burning heating system with summer and winter hook-up; 1,000 gallon underground fuel tank; filtered cistern with pressure system; full basement with outside entrance; side porch; macadam driveway; new roof and spouting within last three years.

This property is situated on a large lot nicely landscaped.

## HOUSEHOLD GOODS AND ANTIQUES

Property open for inspection Saturday, July 25 and Saturday, August 1 or call 442-4460 or 393-4464 for appointment.

**SALE AT 10:30 A.M.; REAL ESTATE AT 2:00 P.M.**

**MARY M. USNER**
Owner
Roberts T. Appel, Attorney
Diffenbach's Auctioneers
**Lunch Available**

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# PUBLIC AUCTION

**SATURDAY, AUGUST 8**
**AT 10:00 A.M.**

**2 miles Northeast of Hegins along Valley Road in Deep Creek Valley, Hegins Township, Schuylkill County, PA. (8 miles West of I-81, Exit 35).**

**16 ACRE FARM** (more or less)
**OPEN & WOODED LAND,**
**3-BEDROOM DWELLING - BARN**

A LOVELY COUNTRY PROPERTY with approximately 12 Acres Tillable Land balance Wooded. Ideal Truck Farm! Close to State Game Lands and Trout Stream. If you are in the market for a permanent home, a small farm, or a vacation property, you will want to inspect this property and arrange your financing so that you will be prepared to bid and buy at the auction.

FOR INSPECTION CALL: (717) 425-3313 or (717) 875-0526.

**TERMS: 10% down the day of sale, further terms and conditions to be announced when real estate is offered at 1:00 P.M.**

## ANTIQUES & COLLECTIBLES

Player Piano in working condition; OAK KITCHEN CABINET w/Stained Glass; Bucket Bench; Oak Sideboard; Washstands, Dresers, Beds, Rocker, Spindle-back Chairs & Round Pedestal Table all in OAK; Cane Seated Chairs; 3-Pc. Bedroom Suite; Metal Bed w/Brass Trim; Columbian Kitchen Stove; Room Heatrola; Composition Dolls; Tin Toys; Kerosene Light; Huckster Scale; Butter Mold; Jugs; Crocks; Dishes; Singer Treadle Sewing Machine; Strip Carpet; Metal Crib Bed; Wicker Fernery; Books; Magazines; Records; Meat Bench; Wooden Rake; Wooden Plane; Dovetailed Tool Chest; etc.

## OTHER PERSONAL PROPERTY

Quasar Portable Color TV, like new; Kenmore Automatic Washer; WHIRLPOOL REFRIGERATOR, like new; Frigidaire Apt.-size Range; 3-Pc. Living Room Suite; Platform Rocker; Sears Electric Sewing Machine; Floor & Table Lamps; Rugs; Utility Cabinets; Blanket Chest; Clothes Tree; Vacuum Cleaners; End Table w/Radio; Dishes; Cooking Utensils; Bedding; Linens; Christmas Decorations; Wheelbarrow; Lawn Furniture; B&D Hedge Trimmer; Garden Tools; Heat Lamps; Chains; Stepladder; Single Row Potato Planter; many other items not listed.

**IDA M. SHADLE**
Owner
Forrest L. Shadle,
Power of Attorney
H. Franklin Kehler, Attorney

**DEIBERT**
George & Mike
Auctioneers & Realtor
(717) 425-3313

# TWO DAY SALE OF FARM EQUIPMENT

**At our place of business located six miles south of Chambersburg, Pa., one mile east of Marion, along Rte. 914 just east of Rte. 81 at Marion Exit on**

## THURSDAY, AUG. 13 & FRIDAY, AUG. 14, 1981

**Sales at 9:00 A.M.**

**TRACTORS - TRUCKS - IND. EQUIPT. LAWN & GARDEN TRACTORS - SELL ON THURS., AUG. 13**

We expect about 100 tractors inc John Deere, Int., Massey Ferguson, Fords, Oliver, A.C., David Brown, Case and others, some with loaders; Trucks; Crawlers and Backhoes expected; Lawn and Garden equipt; also usual run of misc. items, tools, tires, posts, etc.

**FRIDAY AUG. 14 WILL SELL PICKERS - HARVESTERS - BALERS - COMBINES - HAY MACHINES, ETC.**

Pickers inc. one and two row pull type and mounted; one and two row harvesters; Blowers; Flail Choppers; Cut Conditioners; Balers; Combines; Haybines; Mowers; Rakes; Conditioners; Drills; Spreaders; Grinder Mixers; Forage and Hay Wagons; 2 Tandem Axle Potato harvester, wagons, unloading unit; Troyer seed potato splitter; Plows; Packers; Disc and other harrows. Rotary Mowers; Post Diggers; Blades and usual run of equipt., small items, etc.

ATTN: FARMERS & DEALERS — Bring in your equipt. for this large two day sale. Next sale Sept. 10, "One Day Only." No equipt. with liens on accepted unless we are notified. Open daily 8 til 5, except two days before sale until 7 p.m. Closed on Sundays.

Terms: Cash or good check. Lunch at sale.

**RALPH W. HORST, Manager**
**Marion, Pa. 17235 Phone: 717-375-2824**
***Rentzel, Wolgemuth, Upperman, Martin, Speicher. Gossert Auctioneers***
**Harshman, Eberly, Rentzel, Gossert, Stull, Clerks**

# Public Sales Register

**Closing Date - Monday, 5 00 P M of each week's publication**

SAT OCT 17 2 P M Selling a 35 Acre Farm Location Take Rt 272 north from Ephrata to Schoeneck Road, turn left to town of Schoeneck turn left toward Mt Airy, 2 miles to Girl Scout Rd Then right to W Girl Scout Rd , turn left to 1st farm on right Owner Lydia Jane (Hurst) Martin Auctioneers John E and Paul E Martin

MON OCT 19 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

WED OCT 21 - 9 A M Consignment Sale by David H Good located ½ mile North of Route 23 on North Maple Ave in Leola, Lancaster Co , Pa Watch for sale signs F Snyder, R Martin, C Wolgemuth, J Fry and L Horst, Auctioneer

FRI OCT 23 - 5 30 P M Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

MON OCT 26 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

WED OCT 28 - 9 00 A M Judging, 11 00 A M Sale Annual Show and Sale Held at New Holland Sales Stables, New Holland, PA

## NOVEMBER

MON NOV 2 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

WED NOV 4 9 A M Consignment Sale by David H Good located ½ mile North of Route 23 on North Maple Ave in Leola, Lancaster Co , Pa Watch for sale signs F Snyder, R Martin, C Wolgemuth, J Fry and L Horst, Auctioneer

FRI NOV 6 - Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 2220 Dairy Road, Lancaster, Pa 17601 Dennis Kolb, Sales Manager, Robert Mullendore, Auctioneer

FRI NOV 6 6 P M Arnold's 20th Production Sale of Bred Gilts, Open Gilts, and Boars at the Lebanon Fairgrounds, Lebanon, PA For info contact Leon Arnold 717-273 5880

MON NOV 9 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

MON NOV 16 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

WED NOV 18 - 9 A M Consignment Sale by David H Good located ½ mile North of Route 23 on North Maple Ave in Leola, Lancaster Co , Pa Watch for sale signs F Snyder, R Martin, C Wolgemuth, J Fry and L Horst, Auctioneer

THURS NOV 19 - Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 11342 Cragerstown, Rd , Woodsboro, Md 21798 Thomas Miller, Sales Manager, Robert Mullendore, Auctioneer

THURS NOV 19 - Public Auction of Full Line of Farm Equipment Take Rt 272 North from Ephrata to Schoeneck Road, take Schoeneck Road to Schoeneck, turn right at Fire Hall to first farm on right Sale by John M and Lena H Nolt, John E and Paul E. Martin, Auctioneers

SAT NOV 21 - 6 30 P M Danville Livestock Market, horse sale located Old Route 11, Danville, PA Melvin M Lehman, owner

MON NOV 23 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

## 145 Cows At AUCTION

## SATURDAY, AUGUST 8

**at 11 a.m. Sharp**

**at Ann Ayr Farm, Woodside, Delaware.**

**Location: 8 mi. south of Dover, turn west from U.S. Rt. 13 at sign to Woodside, go thru village to farm, 1½ mi. from Rt. 13.**

Registered Ayrshire herd established 1919 including 88 daughters of Oak Ridge Flashy Klondike, sire of more All-Americans than any other bull in the history of the Breed. Best of A.I. used since 1952.

45 due in August; 33 in Sept. and Oct., rest later.

Health-Tested to go anywhere—vaccinated for shipping fever.

Ann Ayr Farm Milking Herd Dispersal.

**Owners,**
**G. WALLACE & GRACE CAULK**

**Box 66, Woodside, Del. 19980**
**Phone 302-697-6711**

**5 AC JUNIATA CO., PA REAL ESTATE**

## PUBLIC SALE

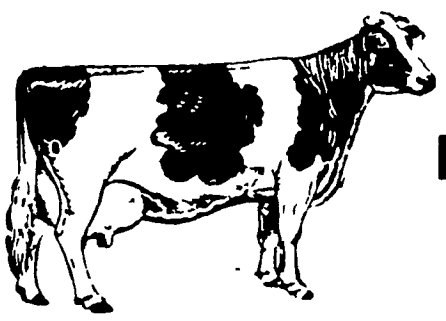
**SATURDAY, SEPTEMBER 19**

**60 mi. west of Hbg., 6 mi. west of Mifflintown.**

6 room dwelling, garage, pond.

For brochure, contact:

**Long Bros., Aucts.**
**R.D. #2**
**Port Royal, Pa. 17082**
**Ph. 717-527-4784**

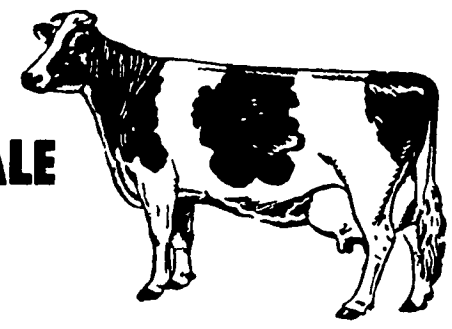


# TREAT YOURSELF TO SOME ROYALTY

## THE 4TH ANNUAL PERRY COUNTY PRINCESS PROMOTIONAL SALE

## Friday Evening, August 7, 1981 - 7:30 P.M.

**45 HEAD OF PERRY COUNTY'S FINEST HOLSTEINS**
*** HOME OF THE HIGH COUNTY DHIA AVERAGE IN PENNA. 1980 ***
**ALL FRESH OR VERY CLOSE!**



***Selling at the Art Kling Sale Barn, located 12 miles N. of Carlisle on Rt. 74, 2½ mi. N.E. of Landisburg, Perry Co., Pa.***

**Sires Represented** Elevation, Jemini, Betty Chief, Milestone, Commander Magic of Lincon Chromeview Jupiter, Wis Magician Lift-Off, Kitbuilder, Celebrity, Molly Chief, Ideal Loader Moonshot, Jet Stream, Job, Fury Ivan, Carlo Citamatt

**Service Sires:** Valiant, Majesty, Creek, Ace, Bell, Sexation, Astronaut, Triple Threat Keho Eric, Matt Jr , Magic of Lincon, Matador, Jemini

**A Special Consignment from the Perry County Jr. Assoc.: Santee-Acres Celebrity Kim, sire by Rocby Elevation Celebrity. Her dam an 85 pt. 30,000 lb. 1000F. Monitor, 2nd Dam 88 pt. 20,000 lb. Galaxy. Proceeds to help sponsor Jr. Assoc. Projects and Developments.**

**HERE ARE SOME OF THE EARLY ENTRIES:**

DANIEL ALBRIGHT sends a 87 pt. Big Apple due to Valiant, dam by Astronaut, Show Cow! plus a Woodbine Milkman from a GP Happy Crusader with 16,000 2nd dam VG Black Eagle with 30,000m 1000f.

KENNETH & JANE BENNER offer a Lift-Off due after sale to Bell, Dam VG with 18,000 2nd Dam with 24,000 836f, 3rd dam VG Kingpin 178,000 6788 lifetime. Big & Straight.

NEKODA VIEW FARM sends a Red Chrome View Jupiter from an R Maple, 2nd Dam Bootmaker due after sale to Triple Threat. A very good Fancy Red one.

DUMBELLE FARMS sends a Carlo due at Sale time to Magic, Dam a Kingpin Granddaughter VG-86 26,000m 1000f, 2nd dam GP 165,000 Lifetime; plus a Milestone due to Clinton Camp Majesty, next 3 dams all VG & all over 22,000m & 700f. (Don't miss her!); also sending a GP-83 Transmitter G.Dau. with 18,000 at 3 yr. Dam VG-88 Senator with 150,000 2nd Dam VG Ivanhoe with 110,000 - Fresh.

DUANE & JUNE HERTZLER send a very fancy Bend-Mead bred heifer due after sale, Dam GP Rocket 1000 Index, 2nd Dam 21,000 VG Star 3rd Dam Kingpin 4-Gem. 1000+ Sires. A Hot One!

JOHN E. BOOK offers a Dumbelle Elevation Correlation due first calf to Startrek, dam by Dina Charm with 20,000 at 2 yrs , 2nd dam Fair Hill Elevator 18,000. One to Watch.

KLINGDALE FARMS sending a Commander from a Lift-Off with 25,000, 2nd dam 16,000 Transmitter. A Good Big Heifer.

RICHARD KRIEBEL, sends a Betty Chief just fresh, dam an 84 pt (Ex. Mam) Elevation with 19,000, 2nd dam Kate Daughter with 15,800; plus an Ideal Leader due to Triple Threat from a GP Elevation with 15,000 at 2 yr., 2nd dam GP Star, 3rd dam VG Performer.

V. ART KLING is sending an extremely fancy Kit Builder from a 20,000 dam due before sale to Pacemaker Son.

RICHARD MAURER offers a Van just fresh GP 81, 2-06, 16,937m, 656f, dam 19,000 725f, 2nd dam Rosni 17,000 700f.

TIM denDULK sends a 2nd Calf Citamatt with 15,000 559 at 1-10, dam Lift-off with 18,000, 2nd dam 20,000.

DONALD DUM offers a very good Lift-Off with 15,000 from a GP Kingstead Ivanhoe with 18,000. Just Fresh!

BENJAMIN DUM sending an Ideal Leader 1st Calf Heifer from a 20,000 Jet Stream from a 20,000 Vern Dtr., next 2 dams also over 20,000.

MERRIMART FARMS, a Jemini from a VG Lucky with 16,382 666 at 2 yrs., 2nd dam 83 pt. Sterk Ivanhoe with 17,000 660, due after sale to Ace. Also selling a Jemini from a GP Gent dam with 18,000 741 due to Matador, plus a Job from 19,000 Elevation Granddaughter. Will be Fresh.

FRED & NANCY NEELY send a Countdown Dtr. GP-81 with 16,000 at 2 yrs., dam by Elevation, 2nd dam 24,000. FRESH.

CLARENCE MARTIN sends an Astronaut Granddtr. with 14,000 at 3 yr., very fancy udder will be springing to Milu Son.

CARL McMILLEN sends a Big Fancy Commander due to Ace, dam with 18,700 4.1% 775, next dams 17,000 and 22,000, 5th dam Kingpin.

DAVID E. ROTH, JR. sends a VG Ivan A1 with 20,000 2nd dam Pencor GP-83 with 20,000 due after sale to Astronaut.

WAYNE STEPHENS sends a Trump from an Elevation with 18,000 668, 2nd dam Kingpin with 19,000. FANCY HEIFER due after Sale.

RICHARD SMITH sends a Trump from an Elevation GP 82 with 17,000.

RAY McMILLEN sends a Fancy Elevation GP-82 at 2 yr. 2nd dam Kingpin 16,000 656, 3rd Dam VG Bellringer with 18,000 629. Should go VG, is fresh.

RICHARD BRATTON sends a Fury Ivan with 638 Fat a 1-10, next 2 dams both over 22,000 and 100,000 Lifetime.

REAMAC FARMS sends two, a Moonshot making 16,000 at 2 yr. dam 83 Bonus 3 time over 20,000, also a fancy Wis Magician from an Astronaut with 15,700 565, next dam 18,000.

HARRY BOOK, Silver Shade SeaGem from 16,000 Dam, Big Heifer.

MILLGAN BROS. sends a VG Lift-Off with 23,000 due after sale to Matt Jr., also a GP Jet Stream with 20,000 as a 2 yr. old.

**Kling's Auction Service, Mgrs.**
**Tom Dum, III, Selector, Fred Naugle, Pedigrees**

**Sale Sponsored by**
**PERRY COUNTY HOLSTEIN CLUB**

# Public Sales Register

**Closing Date - Monday, 5.00 P M of each week's publication**

MON NOV 30 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

## DECEMBER

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MON DEC 14 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

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MON DEC 21 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

MON DEC 28 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

## NOTICE

**To assure that your Public Sale appears in the Public Sale Section we must have your advertisement by 4 P.M. Tuesday of each week's publication**

**DEALER IN ALL KINDS OF LIVESTOCK**
**Also Crippled & Down Cattle**

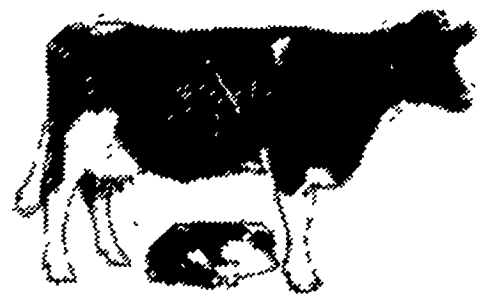
**MARLIN S. IRWIN**
**Quarryville, PA**
**Ph: 717-786-3016**

**SALE EVERY TUESDAY**
**Graded Sale**
**1st Tuesday each month**
**2 P M**
**Horse Auction**
**2nd Saturday each month**
**1 P M.**

**FAUQUIER LIVESTOCK EXCHANGE**
Marshall, Va.
703-364-1566

**ATTENTION FARMERS & DAIRYMEN**

4-D Cattle Service. We use down, disabled, crippled cows or cows with calving problems.
Slaughtered under federal inspection
Prompt payment & prompt service
Call anytime
717-272-6848
ask for Barbara



# MARYLAND HERD DISPERSAL

**at Shady Lane Dairy Sales Inc.**
**¼ mile west of Quarryville off of Bottom Rd.**
**85 Head Registered & High Grade Holsteins**
**THURSDAY NIGHT, AUGUST 6**
**8:00 Sharp EST**

*This herd consists of 42 head- 8 recently fresh, 15 dry and due August and September. Balance all stages of lactation.* Mostly young cows with plenty of dairy quality. Also 40 head fresh and close cows. Some good 1st calf heifers. Remember BASE is coming so get there first and buy these cows from this dispersal. All home raised this is the place where your price is ours. No cows sold prior to sale. 30 day TB and blood test cows examined day before sale for pregnancy. Free transportation to Lancaster Co. Amish.

Owners:
**SHADY LANE DAIRY SALES, INC.**
***Glen and David Fite***
717-786-2750 or 717-786-1725

**THE FOLLOWING LIST OF SEMEN SELLS AT THE DONALD ARTHUR ESTATE COMPLETE DISPERSAL**

**FRIDAY, AUGUST 14**
**LACEYVILLE, PA**

## SEMEN

This has been stored in two tanks on the farm. It was removed to Sire Power for a complete inventory (listed below). The semen is now at Sire Power and will be shipped to the buyer on his directions and at his expense from the stud headquarters. It may also be picked up there by the buyer. All who buy semen will receive receipts and a copy of these will be sent to the stud. All listed below are straws unless otherwise noted.

ACE . . . . . 50
APOLLO (Hilltop) . . . . 12
APOLLO ROCKET . . . 45
APOSTLE . . . . . 37
ASTRONAUT . straws 29
. . . . . amps 6
BARRETT . . . . . 44
BELL . . . . . 10
BIS-MAY JUPITER . . 124
BOOTMAKER . . . . . 11
CARDINAL (Arlinda) . . 10
CARLO CHIEFTAIN . . 40
CAVALIER . . . . . 40
CHIEF . . . . . amps 19
. . . . . straws 1
CINNAMON . . . . . 20
CLIP (Colo SU +1486) . . . . . 55
CREEK . . . . . 50
EAST STAR . . . . . 10
ELEVATION . . . . . 138
ELEVATION BOB . . . . 10
ELSTAN (Braintrim) . . 28
GAY IDEAL . . . . . 19
GLENDELL . . . . . 17
GRAND FORTUNE . . . 20
IVANHOE STAR . . . . . 57
JEMINI . . . . . 169
JERRY . . . . . 53
JET STREAM . . . . . 120
JOB . . . . . 30
KEN . . . . . 3
KINGPIN . . . . . 32
KIRK JUPITER straws 47
. . . . . amps 3
MARGE . . . . . 5
MARVEX . . . . . 34
MILESTONE (P.H.) . . . 54
MILU BETTY CHIEF . . . . straws 46
. . . . . amps 6
MOHAWK . . . . . 100
MONITOR . . . . . 8
MONTAGUE (Braintrim) . . . . . 50
NEEDLE . . . . . amps 8
PENDELL ELEVATION IVAN . . . . . 47
(VG-GM +888PDM +2 15PDT)
PERSUADER . . . . . 10
PETE (Elevation) . . . . 10
R MAPLE . . . . . 8
SEXATION . . . . . 21
SHAMROCK (Freebrook RA) . . . 10
(+1380M Elevation son)
STANDOUT (Sunnyside) . . . . . 32
STAR (Glen Valley) . . . 27
STARLITE . . . . . 19
TRADITION . . . . . 5
TRUMP . . . . . 40
VALIANT . . . . . straws 36
. . . . . amps 4
VEEDICTION RON . . . . 2
VIRGINIAN (R.O. Apollo) . . . . . 25
WAYNE . . . . . 15
WILLOW . . . . . 114

**DONALD J. ARTHUR EST.**
**COMPLETE DISPERSAL**

**FRIDAY, AUGUST 14**
10:30 A.M.
LACEYVILLE, PA

Farm is on Lacey St., which is on west side of Laceyville, Pa. just off Rte. 6 About 18 miles east of Towanda, Pa. and 15 miles west of Tunkhannock, Pa. Exit I-81 at Clarks Summit and go west on Rte. 6 to Laceyville.

**180 REGISTERED HOLSTEINS**

**All tested up to date within 30 days and eligible for interstate shipment. Exam for Preg.**

ONE OF THE GREAT HERDS OF REGISTERED HOLSTEINS TO SELL ANYWHERE!!

**HERE ARE THE COW FACTS!!**
JUNE 1981 RHA: 82.7 Cows 18,530 Milk 4.0% 736 FAT!!
LATEST CLASSIFICATION: 9 "EX" - 45 "VG" - 23 "GP" - 3 "G" (16 Have "EX" Mammaries).

**THESE HIGH RECORD COWS SELL!!**
* 9 sell from 1015 to 1173-lbs. fat.
13 sell from 908 to 944-lbs. fat.
17 sell from 809 to 899-lbs. fat.
20 sell from 701 to 797-lbs. fat.
9 sell from 600 to 692-lbs. fat.
2 sell from 526 and 588-lbs. fat.
15 on test with first calf now.
44 head sell with from 20 to 26,000-lbs. milk.
* 16 head sell with Plus 1000-lb. Indexes and over.

**HERE ARE THE SIRES REPRESENTED!!**
72 sell by ELEVATION - 7 by Kingpin - 14 by Jemini - 6 by Jet Stream - 6 by Job. 5 by Jerry - 5 by Legacy - 5 by Astro Jupiter - 3 by Willow - 2 by Chief - 2 by Milu, Astronaut, Valiant, and others.

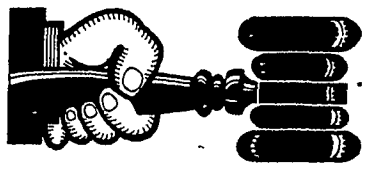
SERVICE SIRES INCLUDE - 16 to Elevation - 21 to Valiant - 12 to Elstan - 11 to Jet Stream - 9 to Jemini - 6 to Creek - 4 to Ace - 2 to Willow.

**MORE HERD FACTS!!**
Don Arthur was truly a MASTER BREEDER of HOLSTEINS. He founded the herd in 1936, began testing in 1938 and DHIR in 1949. The first classification was in 1944 and the herd has been scored 28 times. Don has been awarded the PBR Award for 28 times with the latest in 1980. A real accomplishment. Only the tragic accident that took his life makes this "Quick" dispersal necessary.
MAKE YOUR PLANS NOW TO ATTEND AND BUY FROM THIS HOLSTEIN OPPORTUNITY DISPERSAL!!
See July 25th Holstein World for pictures and complete details.
Sale must start promptly at 10:30 A.M. - Lunch Available - Catalogs - Under Cover.

**R. AUSTIN BACKUS INC.**
Sale Mgrs. & Auctioneers
Mexico, N.Y.

**PENNA. HOL. ASSOC.**
839 Benner Pike
State College, Pa.

**DONALD J. ARTHUR, Estate**
**Mildred Arthur, Executrix**
**Laceyville, Pa. 18623**



AUCTIONEER'S DIRECTORY

**SPECIALIZING**
IN HOLSTEIN AND GENERAL FARM SALES
**BOB KAUFFMAN**
Auctioneer
Licensed & Bonded
RD 1, Elizabethtown, Pa 17022
Phone 717-367-3550
**JAY HOWES**
Pedigrees
Box 81, RD 1, Warriors Mark, Pa
Phone 814-692-8980

FOR COMPLETE SERVICE CALL
**JOHN E. MARTIN**
RD 1, Water St.
Ephrata
733-3511 or
**PAUL E. MARTIN**
Stevens, RD 1,
Box 561
733-3305
LICENSED AUCTIONEERS
No Sale Too Small or Large
Tents Available

**AUCTIONEERS**
**FRANK & PAUL SNYDER**
Livestock, Farm Equipment, Household Goods, Antiques
No sale too small or too large
717-859-2688
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FARM STOCK SALES — LIQUIDATIONS
**RANDAL V. KLINE**
AUCTIONEER REALTOR
717 733 1006
717 354-4071
**LLOYD H. KREIDER**
AUCTIONEER
717 786-3394

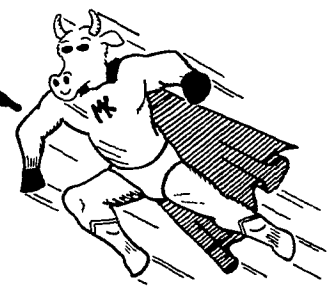
# BIG SALE
## OF
## 150 — QUALITY COWS — 150
## THURSDAY, AUGUST 6, 1981
7:30 P.M.

## MELVIN KOLB, INC.

**LOCATION: At the former Black & White Farm, west of Lancaster on Dairy Road, take Rt. 283 west of Lancaster, exit beyond ABC Stud Barns at Flory Mill Road; turn left after exiting and go to Mill, then sharp right under railroad bridge. Barn within sight of Rt. 283.**

This Sale will consist of about 75 head of Purebreds selected by us from the best herds in Wisconsin, Maine, New Hampshire, New York, Massachusetts, Pennsylvania & Maryland. We really tried to select the very finest cows of the best breeding and type we could buy. Approximately 30 of them will be extra top first calf heifers, close or just fresh. There will be about 45 head of Purebreds, 3 to 5 years old, some classified and with records. They are from the most popular sires in the Holstein breed.

## FLASH!
## SPECIAL MENTION



A good big fancy **ROUND OAK RAG APPLE ELEVATION** daughter, bred 12/8/80 to **ALLEGEN WHIRLSTAR-TWIN,** +1768m +48f, from an Ex dam, her record 12y 280d 17335m 740f, several more over 700 fat, her record incomplete 272d 12,996m 4.9 660f. We will have the complete pedigree the day of the sale. This cow was never scored but will be a high VG or EX, a full sister VG-86 293d 20,884m 823f; a five year old **ROUND OAK RAG APPLE ELEVATION** GP-83 (Ex Mammary), bred 11/4/80 to **E M P CONTAGIO,** as 4.4 mo. 2x 338d 17,170m 3.9 664f, from VG-85 dam, as 4.5 mo. 2x 305d 18,410m 4.1 753f, next dam GP-81, as 6-01 2x 298d 20,100m 4.3 867f; a two year old **PACLAMAR ASTRONAUT** daughter, fresh 7/23/81, her dam as 3.11 mo. 305d 20,765m 3.9 805f, a real nice heifer; a four year old **CHAPEL BANK APACHE** daughter, fresh with heifer calf by her side from **BIG ROCK APACHE SCOUT,** a good big strong animal; a two year old **HANOVER HILL TRIPLE THREAT RED,** bred 10/27/80 to **GLENRIDGE CITAMATT** 335966, from a GP-83 dam, as 4-4 305d 16,526m 3.5 586f; a two year old **VIGO CITERION** daughter, bred 11/6/80 to **BUSHOLM ROCKMAN PRETTY BOY** 1808248, from VG-88 dam, as 7-06 mo. 390d 19,303m 649f, lifetime 128,441 4412 fat; a four year old **HARRISBURG GAY IDEAL** daughter GP-81, fresh 7/17/81, as 2-11 mo. 305d 17,587m 4.1 720f, her dam 5.0 305d 19,921 4.2 829 fat.

Two 2 year old **ARLINDA JET STREAM-TWIN daughters. The dam of one heifer GP-83, 4 yr. as 2.2 281d 13,644 3.9 531 fat; next dam 4.0 mo. 305d 13,120 4.4 571 fat, bred to RICHARD FARM JERRY IDEAL** 1788630, from 9/1/80 to 12/30/80. Two 2 year old **WHITTIER FARM ALTITUDE** daughters, bred from 9/1/80 to 12/30/80 to **RICHARD FARM JERRY IDEAL 1788630.** The one dam GP-83, 5 yr. as 5.4 363d 24,177 4.1 983 fat; next dam 8.5 349d 21,614 4.6 976 fat; next dam VG 6 yr. as 7.1 305d 23,000 4.0 913 fat. The other dam 2.4 340d 16,111 3.8 628 fat; next dam 5.2 302d 15,955 4.5 711 fat; next dam 5.4 359d 17,958 4.8 875 fat. A **ROSE-E-VUE ROCKMAN-COUNT daughter, dam's record 305 days, 18,906 milk, 3.7 test, 703 fat; A HOACRE ASTRONAUT EDDIE** Daughter, dam's record 325 days, 23,824 milk, 770 fat; **A CHAMBRIC HAPPY BRETT** Daughter, dam's record 305 days, 18,700 milk, 665 fat; **A SIMPSONS APOSTLE** Daughter, dam's record 14,630 milk, 559 fat; **A WOODBINE CHIEF MOHAWK** Daughter, dam's record as 2-Y 276 days, 12, 628 milk, 4.1 test, 513 fat; **A KIT** Daughter, dam's record 21,406 milk, 3.7 test, 805 fat.
Also, a lot of real cows not mentioned in this ad that will be in the sale.

75 head of grade cows, first, second & third calf cows. Many of them milking up to 100 lbs. per day. This is one of the finest selections of cows that we have ever had for a sale. Please come to this sale to see for yourself!

**1 PUREBRED STOCK BULL**
**SEVERAL PUREBRED HEIFER CALVES**

| | |
|---|---|
| **Free lunch for all dairy farmers.** | **Free ice cream treat at the end of the sale** |

**Free transportation for Lancaster County Amish.**
**Please call 569-6800 or 569-2106 by noon on Thursday, August 6th.**

Thank you,
**MEL KOLB**
Sales Manager

Terms: Cash on day of Sale.
Not responsible for accidents.

Robert Mullendore, Auctioneer
MARYLAND FARM: (301) 898-7720

LANCASTER FARM: (717) 569-6800
(717) 569-2106
MELVIN KOLB RESIDENCE
(717)393-7459

**C.H. WOLGEMUTH**
RD #2, MANHEIM, PA
**AUCTIONEER**
Member of
COMPLETE AUCTION SERVICE
CALL
717-665-5664

**PUBLIC AUCTION**
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RD 5, MANHEIM, PA. PHONE (717) 665-5735
PROFESSIONAL • LICENSED AUCTIONEERS
**J. OMAR LANDIS & J.M. WITMAN**
"SPECIALISTS"
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- ANTIQUES - FURNISHINGS
- LIVESTOCK - MACHINERY
- MAILING LIST AVAILABLE

We are now listing Fall Sales.

# SPECIAL HOLSTEIN DAIRY SALE
## FRIDAY, AUGUST 7, 1981
8 p.m. D.S.T.

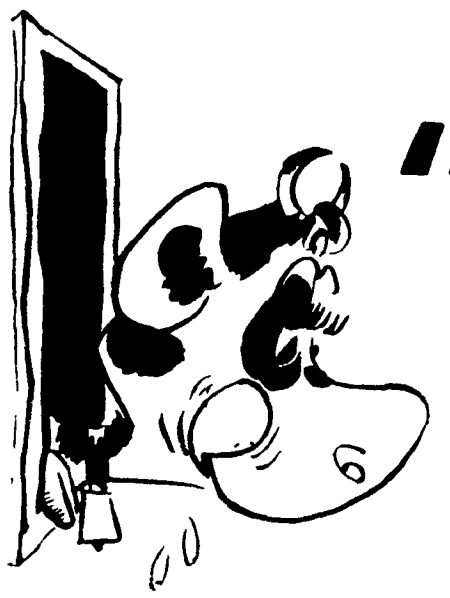
**To be held at Smoketown Quality Dairy Sales Co. Route 340, Smoketown, PA. 5 mi. East of Lancaster - 5 mi. West of Intercourse.**

Two load of francy Reg. and Grade cows and heifers. Fresh and springing, out of New England states. Cows milking 50-70 lbs. m. per day.

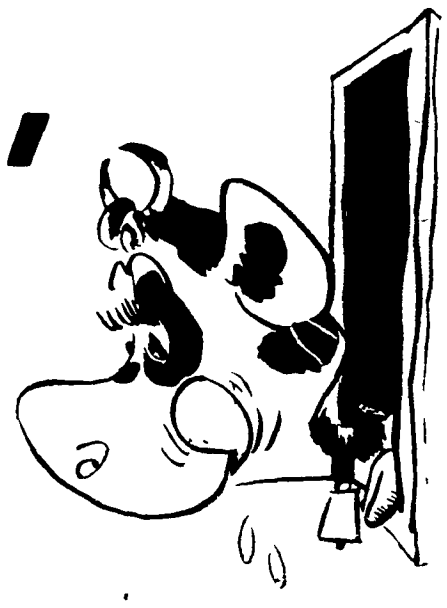
**Special Mentions:**
Reg. Sire - Born 6-10-76 - Rose-E-Vue Rockman Count. Bred to Willow Farm Rockman Ivanhoe - Ex. 92 - projected - 365d. - 15,249m. 501F. on poor feed. Dams - records - 2 yr. 11m. 305d. 14,960m 3-6 - 537. 3 yr. 11 m. 305d. 16,620m. 3-8 - 624. 5 yr. 3m. 305d. 18,900m - 3-6 672. Gr.dam - from 16,770m - 17,000m.
Reg. Sire - Born 8-29-78 - Reynoland Cockney Prince. Bred 11-6-80 to Imperial Perfection. Dams records. 3 yr. 5m. 279d - 15,450m. 4.1 - 635. 4 yr. 4m. 305d. 15,830m. 4.0 - 637. Gr. dam - 16,000 - 19,000 - Aug. test 4.2 - 699 - 822F.
Reg. sire - Born - 4-10-77 - Canyon View Rock Shane with a heifer calf by Thonyma Starcraft. Incomplete - 3 yr. 3m. est. 17,089m - 606F. Dams records - 3 yr. 9m. 282d - 18,690m. 591F. 4 yrs. 8m. 300d - 20,535m. 620f. 5 yr. 7m. 310d - 21,358m. 668F.
Reg. Sire - Born 2-28-78 - Chapel Bank Apache - Bred 11-15-80 to Barrett - Ranch Ivan Rockman. Dam - S.F. Bold C. Ellen - 3 yr. 3m. 284 d. - 15,930m. 3.8 - 601. 4 yr. 2m. 305d. 15,810m. 3.9 - 612. 5 yr. 4m. 305d. 18,350m. 3.7 - 680.
Reg. Sire - 2 yr. old Chapel Bank Apache - top heifer.
Reg. Sire - Born 12-27-76 Lemax Star Vermonter - Bred 10-18-80 to Redroof Astro Elmo, 2 yr. 1m. 305d. 12,340m. 3.6 - 448. Dams - records from 14,590m to over 18,000 - 3 records 624f.
Reg. Sire - Bron 2-20-78 - Zion Meadows Admiral - Bred 10-27-80 to Redroof Astro Elmo - Dam - Buddy Burke Lady - records, 3 yr. 9m. 305d 15,100m. 4.0t. 4 yr. 8m. 278d - 15,260m; 5 yr. 7 m. 301d - 18,730m. 3.5T - Average - 607F.
Reg. Sire - Born 9-4-76 - Ocala Secretarial - Bred 11-3-80 to Medway Mandrake.
Reg. Sire - Keystone Justice of Peace - Bred to Ranza Brook Matt Carlo.
Reg. Sire - 4 yr. Willow Farm Rockman Ivanhoe, 332d. - 18,657 - 692.
Reg. Sire - 2 yr. Astronaut Lewie - Dam - 18,000 - 20,000.
Reg. Sire - 3 yr. Limestone Standout Strephon - Milking 70 lbs.
Reg. Sire - 4 yr. Citation R-Maple - Bred to Junell Ivan M - Elevation.
Reg. Sire - 6 yr. How Vale Majestey Julian Last Year - 17,492m. 726F.
Three Reg. Sire - Spring Mount Astro Duro.
Five Grade cows out of one herd - 14,900m - 19,800m. Cows due July, Aug. & Sept.
Grade 1st calf heifer - Born 7-7-79 - Sire - Kingstead Shine - Dam - Bootmaker Kennedy - records 3 yrs. to 5 yrs. - 305d. 13,917m. - over 15,000m.
Also selling at beginning of sale, 3 Reg. Holstein Bulls ready for service.
Reg. Sire - Arlinda Jet Stream - Dam - Elevation 84 pts. as 3 yr. old. 2 yr. - 308d. 16,899m. 3.5T. 590F. Gr. dam - 7 yrs. to 9 yrs. - 22,880m. 22,890m - 816F.
Reg. Sire - Born 9-21-79 - Vincent View Molly Chief. Dam - Gay Gail V.G. 85 pts. as 5 yr. old. 3 yr. 10m. 298d. 15,100m. 4.1T 613F. 4 yr. 9m. 305d 18,190m. 4.0T - 719F. 359d - 19,040m. 4.0T - 760F. Gr.dam - Ivanhoe - Lifetime - 25,596d. 125,750m. 4.6T - 5719F.
Reg. Sire - Born 1-27-80 Lawcrest Marvex - Twin - Dam - Apollo - V.G. 85 - Records 13,910 - over 17,000m. Lifetime - 2467d - 118,590m - 4.1T - 4870f.
**Cows milked at regular time**
**Cash or good check night of sale.**

Sale by
**HELEN & GORDON W. FRITZ & JOHNNY JR.**
717-393-0930

Carl Diller - Paul Snyder - Auctioneers
Henry Kettering - Pedigrees
Lunch - Bird-in-Hand Auxiliary



# "MILK POWER" TWINS



## Hi-O Cow Chow 36

Purina Dairy scientists have produced many outstanding Dairy rations through the years, but none offer a greater milk-making potential than Hi-O Cow Chow 36. This "super performing" supplement contains 36% protein. When mixed with grains according to Purina Research approved formulas it produces a "super" energy milking ration.

It is the unique scientific blending of a carefully calculated balance of proteins, minerals, vitamins and extra high energy milk-making ingredients that provides Hi-O Cow Chow 36 with its unusual power to produce extra milk.

Use Hi-O Cow Chow 36 for on-the-farm mixing or let your Purina dealer Check-R-Mix a Purina milking ration for you containing Hi-O Cow Chow 36. He has specific formulas to make a quality milking ration with the right protein level to fit your roughages and your herd.

## Cow Chow 36BF II

**To Minimize Butterfat Problems**

Purina Cow Chow BF II is the concentrate to use for top feeding with high moisture corn or in your grind and mix rations when you have a depressed butterfat problem.

It helps minimize butterfat depression while providing the balanced nutrition needed to produce a nutritionally balanced milking ration for maximum milk production.

Use Cow Chow BF II in rations to be fed to cows consuming over 25 pounds of milking ration per cow per day or eating more than 8 pounds of concentrate per cow daily.

Grind and mix rations made with Cow Chow BF II should be fed according to your roughage program.

## Lancaster County Dairy Breakfast Meeting Schedule

**Sponsored By Ralston Purina and Your Lancaster County Purina Dealers**

### AGENDA

7:30 A.M. - Breakfast Is Served (Ham and Eggs)
8:00 A.M. - Dairy Meeting Begins
9:30 A.M. - Meeting Is Over

### TOPICS

- New "Milk Generator" Products
- Butterfat Improvements
- 14,000-16,000 lb. First Calf Heifers
- Dry Cow - Your Key To Success

**HESS MILLS**
Fri. - Aug. 7 - ronks

**WEST WILLOW FARMERS ASSOC.**
Wed. - Aug. 10 - Little Britain/Wakefield
Wed. - Aug. 19 - Kirkwood/Quarryville

**KEYSTONE MILLS**
Tues. - Aug. 4 - Honey Brook

**HIGH BROS.**
Thurs. - Aug. 6 - Strasburg
Tues. - Aug. 11 - Intercourse

**McCRACKEN'S**
Wed. - Aug. 12 - Manheim
Tues. - Aug. 18 - Lititz

**Make Your Reservation Today**

☐ I Want Information on Purina's Dairy Feeding Program

Mail to: PURINA
Box 366 S
Lititz, PA 17543

NAME _____
ADDRESS _____
CITY _____
STATE _____ ZIP _____
PHONE _____

HESS MILLS
PHONE 717-442-4183
717-768-3301
PARADISE PA 17562

HIGH BROS.
PHONE 717 354-0301
GORDONVILLE PA 17529

K & K FEED, INC.
PHONE 717 866-2324
23 N PARK ST RICHLAND PA 17087

UMBERGER'S MILL
PHONE 717 867 5161
FONTANA PA 17042

KEYSTONE MILLS
John B. Kurtz
PHONE 717 354-4616 717 738-1088
RD3 EPHRATA PA 17522

McCRACKEN'S FEED MILL, INC.
PHONE 717-665-2186
2 NEW CHARLOTTE ST , MANHEIM, PA 17545

WEST WILLOW FARMERS ASSN., INC.
PHONE 717-464 3386
WEST WILLOW, PA 17583

LANDIS SUPPLY
Ira B. Landis
PHONE 717-665-3248
BOX 276, RD3
MANHEIM, PA 17545

M. G. HENNINGER & SON, INC.
PHONE 717-362 3333
BERRYSBURG, PA 17005

SOUTHERN DIVISION
West Willow Farmers Assoc., Inc.
PHONE 717-529-2113
RTE 472 AT UNION, PA
RD 1, OXFORD, PA 19363

*Anthony's Feed Mill*
PHONE 215-488-6211
STRAUSSTOWN, PA 19559

FAWN MILLS
PHONE 717 382-4805
FAWN GROVE, PA 17321
PHONE 717-637-1123
HANOVER, PA. 17331